

# SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: CUONG H. NGUYEN Examiner #: 74138 Date: 7/5/01  
Art Unit: 2165 Phone Number 305 4553 Serial Number: 09/343 550  
Mail Box and Bldg/Room Location: CPK-2 Results Format Preferred (circle): PAPER DISK E-MAIL

5D56

If more than one search is submitted, please prioritize searches in order of need.

\*\*\*\*\*

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Multi-level fraud check with dynamic feedback for ...

Inventors (please provide full names):

Alvin, Robert S.

Earliest Priority Filing Date: 10/19/98

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

US class. 705/27, 26

Search terms: order form, payment authorization, transaction,  
credit worthiness, fraud score, billing,  
customer, fraud checker, compares threshold  
data integrity check, fraud data/information

07-10-01 A11:26 IN

\*\*\*\*\*

## STAFF USE ONLY

### Type of Search

### Vendors and cost where applicable

Searcher: _____	NA Sequence (#) _____	STN _____
Searcher Phone #: _____	AA Sequence (#) _____	Dialog _____
Searcher Location: _____	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Date Completed: _____	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: _____	Fulltext _____	Sequence Systems _____
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: _____	Other _____	Other (specify) _____

File 347:JAPIO OCT 1976-2001/Mar(UPDATED 010705)  
(c) 2001 JPI JAPIO  
File 348:European Patents 1978-2001/Jul W03  
(c) 2001 European Patent Office  
File 349:PCT Fulltext 1983-2001/UB=20010712, UT=20010705  
(c) 2001 WIPO/MicroPat  
File 350:Derwent WPIX 1963-2001/UD,UM &UP=200140  
(c) 2001 Derwent Info Ltd

Set	Items	Description
S1	857	AU="ALVIN"
S2	9	AU="ALVIN R S":AU="ALVIN ROBERT S"
S3	7	(S1 OR S2) AND ((FRAUD(5N)CHECK?)/TI OR (TRANSACT?(2N)PROC- ESS?)/TI)

3/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:European Patents  
(c) 2001 European Patent Office. All rts. reserv.

01162087

**MULTI-LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET BUSINESS  
TRANSACTION PROCESSOR**  
**BETRUGSPRUFUNG AUF MEHREREN EBENEN MIT DYNAMISCHER RUCKKOPPELUNG FUR EINEN  
PROZESSOR ZUR ABWICKLUNG VON GESCHAFTSVORGANGEN IM INTERNET**  
**SYSTEME MULTI-NIVEAU DE LUTTE CONTRE LA FRAUDE A RETROACTION DYNAMIQUE POUR  
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET**  
PATENT ASSIGNEE:

Hardwarestreet. Com. Inc., (3008361), 639 Isbell Road, 4th Floor, Reno,  
NV 89509, (US), (Applicant designated States: all)

INVENTOR:

**ALVIN** , Robert, S., 187 Redwood Drive, Boulder Creek, CA 95006, (US)

LEGAL REPRESENTATIVE:

Viering, Jentschura & Partner (100645), Postfach 22 14 43, 80504 Munchen,  
(DE)

PATENT (CC, No, Kind, Date): EP 1040457 A1 001004 (Basic)  
WO 0023909 000427

APPLICATION (CC, No, Date): EP 99970758 991019; WO 99US24439 991019

PRIORITY (CC, No, Date): US 104831 981019; US 343550 990630

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G07F-007/10

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

**MULTI-LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET BUSINESS  
TRANSACTION PROCESSOR**  
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PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET**

INVENTOR:

**ALVIN** , Robert, S...

3/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:European Patents  
(c) 2001 European Patent Office. All rts. reserv.

01161733

**INTERNET BUSINESS TRANSACTION PROCESSOR**  
**TRANSAKTIONEN-PROZESSOR FUR DAS INTERNET-GESCHAFT**  
**PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET**  
PATENT ASSIGNEE:

Hardwarestreet. Com. Inc., (3008361), 639 Isbell Road, 4th Floor, Reno,  
NV 89509, (US), (Applicant designated States: all)

INVENTOR:

**ALVIN** , Robert, S., 187 Redwood Drive, Boulder Creek, CA 95006, (US)

LEGAL REPRESENTATIVE:

Viering, Jentschura & Partner (100645), Postfach 22 14 43, 80504 Munchen,  
(DE)

PATENT (CC, No, Kind, Date): EP 1040441 A2 001004 (Basic)  
WO 0023928 000427

APPLICATION (CC, No, Date): EP 99955050 991019; WO 99US24452 991019

PRIORITY (CC, No, Date): US 104830 981019; US 345383 990630

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FI; FR; GB; GR; IE; IT; LI;  
LU; MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G06F-017/60

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

**INTERNET BUSINESS TRANSACTION PROCESSOR**  
**PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET**

INVENTOR:

ALVIN , Robert, S.

3/3,K/3 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00711017 \*\*Image available\*\*

INTERNET BUSINESS TRANSACTION PROCESSOR  
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET

Patent Applicant/Assignee:

HARDWARESTREETCOM INC, HARDWARESTREET.COM, INC., Suite 305, 5190 Neil  
Road, Reno, NV 89502, US

Inventor(s):

ALVIN Robert S, ALVIN, Robert, S., 187 Redwood Drive, Boulder Creek, CA  
95006, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 0023928 A2 20000427 (WO 200023928)

Application: WO 99US24452 19991019 (PCT/WO US9924452)

Priority Application: US 98104830 19981019

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ

TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 7729

INTERNET BUSINESS TRANSACTION PROCESSOR  
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET

Inventor(s):

ALVIN Robert S...

3/3,K/4 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00710999 \*\*Image available\*\*

MULTI-LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET BUSINESS  
TRANSACTION PROCESSOR

SYSTEME MULTI-NIVEAU DE LUTTE CONTRE LA FRAUDE A RETROACTION DYNAMIQUE POUR  
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET

Patent Applicant/Assignee:

HARDWARESTREETCOM INC, HARDWARESTREET.COM, INC., Suite 305, 5190 Neil  
Road, Reno, NV 89502, US

Inventor(s):

ALVIN Robert S, ALVIN, Robert, S., 187 Redwood Drive, Boulder Creek, CA  
95006, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 0023909 A1 20000427 (WO 200023909)

Application: WO 99US24439 19991019 (PCT/WO US9924439)

Priority Application: US 98104831 19981019

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ

TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 7730

MULTI-LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET BUSINESS



TRANSACTION PROCESSOR  
SYSTEME MULTI-NIVEAU DE LUTTE CONTRE LA FRAUDE A RETROACTION DYNAMIQUE POUR  
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET

Inventor(s):

ALVIN Robert S...

3/3,K/5 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013193078 \*\*Image available\*\*  
WPI Acc No: 2000-364951/200031  
XRPX Acc No: N00-273138

**Internet based electronic commerce business transaction processor,  
performs billing for retail customer for ordered product authorized for  
shipment**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023929	A1	20000427	WO 99US24453	A	19991019	200031 B
AU 9964336	A	20000508	AU 9964336	A	19991019	200037
EP 1040440	A1	20001004	EP 99952033	A	19991019	200050
			WO 99US24453	A	19991019	

Priority Applications (No Type Date): US 99343547 A 19990630; US 98104829 A 19981019

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200023929	A1	E	41 G06F-017/60	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964336 A G06F-017/60 Based on patent WO 200023929

EP 1040440 A1 E G06F-017/60 Based on patent WO 200023929

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

**Internet based electronic commerce business transaction processor,  
performs billing for retail customer for ordered product authorized for  
shipment**

Inventor: ALVIN R S

3/3,K/6 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013193077 \*\*Image available\*\*  
WPI Acc No: 2000-364950/200031  
XRPX Acc No: N00-273137

**Internet-based electronic commerce business transaction processor  
performs billing for retail customer for ordered product, when selected  
supplier is authorized to ship product to customer**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023928	A2	20000427	WO 99US24452	A	19991019	200031 B
AU 200011244	A	20000508	AU 200011244	A	19991019	200037
EP 1040441	A2	20001004	EP 99955050	A	19991019	200050

Priority Applications (No Type Date): US 99345383 A 19990630; US 98104830 A 19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023928 A2 E 40 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200011244 A G06F-017/60 Based on patent WO 200023928

EP 1040441 A2 E G06F-017/60 Based on patent WO 200023928

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

**Internet-based electronic commerce business transaction processor performs billing for retail customer for ordered product, when selected supplier is authorized to ship...**

Inventor: ALVIN R S

3/3,K/7 (Item 3 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

013178584 \*\*Image available\*\*

WPI Acc No: 2000-350457/200030

XRPX Acc No: N00-262613

**Electronic transaction processor for retail sales, authorizes distributor to fulfill purchase order and to ship ordered product to customer after checking credit worthiness**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023909	A1	20000427	WO 99US24439	A	19991019	200030 B
AU 200012118	A	20000508	AU 200012118	A	19991019	200037
EP 1040457	A1	20001004	EP 99970758	A	19991019	200050
			WO 99US24439	A	19991019	

Priority Applications (No Type Date): US 99343550 A 19990630; US 98104831 A 19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023909 A1 E 41 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200012118 A G06F-017/00 Based on patent WO 200023909

EP 1040457 A1 E G07F-007/10 Based on patent WO 200023909

Designated States (Regional): AT BE CH CY DE DK ES FR GB GR IE IT LI LU MC NL PT SE

**Electronic transaction processor for retail sales, authorizes distributor to fulfill purchase order and to ship ordered product to...**

Inventor: ALVIN R S

File 350:Derwent WPIX 1-2001/UD,UM &UP=200142

(c) 2001 Derwent Info Ltd

File 347:JAPIO OCT 1976-2001/Mar(UPDATED 010705)

(c) 2001 JPO & JAPIO

File 348:European Patents 1978-2001/Jul W04

(c) 2001 European Patent Office

File 349:PCT Fulltext 1983-2001/UB=20010719, UT=20010712

(c) 2001 WIPO/MicroPat

File 344:CHINESE PATENTS ABS APR 1985-2001/Jun

(c) 2001 EUROPEAN PATENT OFFICE

S4 14 AU=(ALVIN R? OR ALVIN ROBERT?)

S5 7 S4 AND FRAUD?

5/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013193078 \*\*Image available\*\*

WPI Acc No: 2000-364951/200031

XRPX Acc No: N00-273138

**Internet based electronic commerce business transaction processor,  
performs billing for retail customer for ordered product authorized for  
shipment**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023929	A1	20000427	WO 99US24453	A	19991019	200031 B
AU 9964336	A	20000508	AU 9964336	A	19991019	200037
EP 1040440	A1	20001004	EP 99952033	A	19991019	200050
			WO 99US24453	A	19991019	

Priority Applications (No Type Date): US 99343547 A 19990630; US 98104829 A 19981019

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 200023929	A1	E	41 G06F-017/60	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
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AU 9964336	A	G06F-017/60	Based on patent WO 200023929
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EP 1040440	A1	E	G06F-017/60	Based on patent WO 200023929
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Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT  
LI LT LU LV MC MK NL PT RO SE SI

Inventor: ALVIN R S

Abstract (Basic):

... thereby enabling larger selection of products with higher  
availability and aggressively competitive pricing. Utilizes multilevel  
**fraud** checking system incorporating propriety as well as commercially  
available **fraud** checking system, thereby enabling high level of risk  
management. The business transaction processor is fully...

5/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013193077 \*\*Image available\*\*

WPI Acc No: 2000-364950/200031

XRPX Acc No: N00-273137

**Internet-based electronic commerce business transaction processor  
performs billing for retail customer for ordered product, when selected  
supplier is authorized to ship product to customer**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023928	A2	20000427	WO 99US24452	A	19991019	200031 B
AU 200011244	A	20000508	AU 200011244	A	19991019	200037
EP 1040441	A2	20001004	EP 99955050	A	19991019	200050
			WO 99US24452	A	19991019	

Priority Applications (No Type Date): US 99345383 A 19990630; US 98104830 A

19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023928 A2 E 40 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
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Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
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AU 200011244 A G06F-017/60 Based on patent WO 200023928

EP 1040441 A2 E G06F-017/60 Based on patent WO 200023928

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

Inventor: ALVIN R S

Abstract (Basic):

... enabling larger selection of products with higher availability  
and aggressively compatible pricing. Utilizes multi-level **fraud**  
checking system incorporating propriety as well as commercially  
available **fraud** checking system, thereby enabling high level of risk  
management. The business transaction processor is fully...

5/3,K/3 (Item 3 from file: 350)

DIALOG(R) File 350: Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

013178584 \*\*Image available\*\*

WPI Acc No: 2000-350457/200030

XRPX Acc No: N00-262613

**Electronic transaction processor for retail sales, authorizes distributor  
to fulfill purchase order and to ship ordered product to customer after  
checking credit worthiness**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
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AU 200012118	A	20000508	AU 200012118	A	19991019	200037
EP 1040457	A1	20001004	EP 99970758	A	19991019	200050
			WO 99US24439	A	19991019	

Priority Applications (No Type Date): US 99343550 A 19990630; US 98104831 A  
19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023909 A1 E 41 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
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AU 200012118 A G06F-017/00 Based on patent WO 200023909

EP 1040457 A1 E G07F-007/10 Based on patent WO 200023909

Designated States (Regional): AT BE CH CY DE DK ES FR GB GR IE IT LI LU  
MC NL PT SE

Inventor: ALVIN R S

Abstract (Basic):

... Provides higher level of risk management while providing a  
**fraud** check system that is not exclusively dependent on commercially  
available service...

...The figure shows flowchart of fraud processing...

5/3,K/4 (Item 1 from file: 348)  
DIALOG(R)File 348:European Patents  
(c) 2001 European Patent Office. All rts. reserv.

01162087

**MULTI-LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET BUSINESS  
TRANSACTION PROCESSOR**  
**BETRUGSPRUFUNG AUF MEHREREN EBENEN MIT DYNAMISCHER RUCKKOPPELUNG FUR EINEN  
PROZESSOR ZUR ABWICKLUNG VON GESCHAFTSVORGANGEN IM INTERNET**  
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LEGAL REPRESENTATIVE:

Viering, Jentschura & Partner (100645), Postfach 22 14 43, 80504 Munchen,  
(DE)

PATENT (CC, No, Kind, Date): EP 1040457 A1 001004 (Basic)  
WO 0023909 000427

APPLICATION (CC, No, Date): EP 99970758 991019; WO 99US24439 991019

PRIORITY (CC, No, Date): US 104831 981019; US 343550 990630

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU;  
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INTERNATIONAL PATENT CLASS: G07F-007/10

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

**MULTI-LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET BUSINESS  
TRANSACTION PROCESSOR**  
**SYSTEME MULTI-NIVEAU DE LUTTE CONTRE LA FRAUDE A RETROACTION DYNAMIQUE  
POUR PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET**

INVENTOR:

**ALVIN, Robert, S** ...

5/3,K/5 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00711018 \*\*Image available\*\*

**DYNAMIC SELECTION OF MULTIPLE DISTRIBUTORS**  
**SELECTION DYNAMIQUE DE MULTIPLES DISTRIBUTEURS**

Patent Applicant/Assignee:

HARDWARESTREETCOM INC, HARDWARESTREET.COM, INC. , Suite 305, 5190 Neil  
Road, Reno, NV 89502 , US

Inventor(s):

**ALVIN Robert S** , ALVIN, Robert, S. , 187 Redwood Drive, Boulder Creek,  
CA 95006 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 0023929 A1 20000427 (WO 200023929)

Application: WO 99US24453 19991019 (PCT/WO US9924453)

Priority Application: US 98104829 19981019; US 99343547 19990630.

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FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

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UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ

TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 7337

Inventor(s):

**ALVIN Robert S ...**

Fulltext Availability:

Detailed Description

Claims

English Abstract

...among a plurality of distributors based on flexible rule-based algorithm. Furthermore, a multi-level **fraud** check processing system allows orders to be processed that would otherwise be discarded to generate...

French Abstract

...sur des regles souples. En outre, un systeme de traitement multi-niveau de verification des **fraudes** permet le traitement de commandes qui seraient normalement rejetees de maniere a assurer un meilleur...

Detailed Description

... maintaining gross company margins.

The business transaction processor of the present invention utilizes multi-level **fraud** checking system that incorporates propriety as well as commercially available **fraud** checking system thereby providing a higher level of risk management while providing a **fraud** check system that is not exclusively dependent on commercially available services.

The business transaction processor...

Claim

... the order processing of the present invention.

Figure 3 is a flow diagram showing the **fraud** processing according to the present invention.

Figure 4 is a flow diagram showing the distributor...

...also includes a main database 70 comprised of a Customer Database 710, Products Database 720, **Fraud** Database 730, and Order Database 740.

According to the present invention, a customer accesses the...Order Processing System 30 of the present invention is comprised of four basic sub systems: **Fraud** Detection 310, Credit Card Services 320, Distributor Selection 330, and Customer Service 340. The overall...

...Order Processing System 30 first determines whether the order is a valid order by the **Fraud** Detection sub system 310. If the order is valid, then the order is sent to...order.

A detailed description of each of the sub-systems is provided hereinafter.

Multi-Level **Fraud** Detection

The **Fraud** Detection sub-system 310 of the present invention is a multi-level **fraud** checking system used to determine if an order is a valid order. As shown in...

...products, sales prices of the products, etc.

This order information is initially passed through the **Fraud** Detection sub-system 310.

The **Fraud** Detection sub-system 310 initially performs a data integrity check on the order information for...

...Once the order passes the data integrity check, the order then proceeds to a gross **fraud** check.

Gross **fraud** check involves searching the **Fraud** Database 730 internal to the transaction processor 10 ...present invention for history of bad credit by the customer submitting the order. The gross **fraud** check of the present invention acts as an initial filter for rejecting obvious **fraudulent** orders such as orders from "black-listed" customers in the **Fraud** Database 730 with previous histories of bad credit, orders from countries other than the United States under economic crisis, etc.

If an order fails the gross **fraud** check, the order is passed to Customer Service 340 and the customer is immediately notified...

...the order cannot be processed. If, on the other hand, the order passes the gross **fraud** check, the order is then checked for credit card authorization from a financial institution, such as a commercially available **fraud** check service.

Based on the information received from the financial institution, a **fraud** level score, for example, is generated. The **fraud** level score is a grading system that indicates the level of risk the order will...

...threshold or a plurality of thresholds. Each threshold serves as a trigger to invoke other **fraud** rule based checks to be performed in conjunction with the score to determine the total...

...by several types of failures given a total overall score. If the order passes the **fraud** checks, it is sent for finalized order processing. If, however, the order does not pass muster under the **fraud** checks, it is sent into a sorting bin. The sorting bin of the present invention...

...sorting bin.

The failed orders in the sorting bin are analyzed for reasons why the **fraud** level score was so high.

Failed orders are analyzed for previous purchases by the customer...

...a good history of previous purchases, for example, are low risk orders even though the **fraud** score is high and orders from customers who have no previous purchase history pose a...

...altered and resubmitted for validation or stored in a list of bad names in the **Fraud** Database 730 to be used in the gross **fraud** check of subsequent orders.

Alternatively, if there are generally a high number of failed orders in the sorting bin preventing sales of products, the **fraud** scores are analyzed and the threshold is dynamically modified to reduce the number of orders being rejected by the Order Processing system 30. By incorporating multi-level **fraud** checking system in the manner of the present invention, orders that would otherwise be lost thereby increasing business transactions.

#### Distributor Selection

Once an order has been checked for **fraud** and passes as a valid order, the products in the order are checked by the...the order is completed, the order is passed onto the Order Processing system 30.

The **Fraud** Detection sub-system 310 performs a data integrity check such as whether each of the...

...the corrections. If the order passes the integrity check, then the order undergoes the gross **fraud** check.

The gross **fraud** check determines whether the customer has a history of defaulting on payments, whether the credit...

...a "black-listed" location such as Romania or Russia.



If the order fails the gross **fraud** check, the order is sent into a sorting bin. If the order passes the gross **fraud** check, the order is sent to a commercially available **fraud** checking service such as CyberSource@.

CyberSource@ processes the order information and returns a **fraud** score. The **fraud** score is then compared ...threshold that may be modified by customer service 340 and used in conjunction with other **fraud** rule based checks. If the order fails, it is placed into the sorting bin. If...

...was from an account holder who has good credit history from past purchases, whether the **fraud** score was too high because the billing address did not match the address of the...

...the Customer service representatives either contact the customer to clarify the discrepancies or override the **fraud** checks and place them into the processing bin to be sent to the Distributor Selection...

...system 330 for further processing. The rest of the failed orders are placed in the **Fraud** Database 730.

The Distributor Selection sub-system 330 sends the product information (i.e., SKU...

5/3,K/6 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00711017 \*\*Image available\*\*

#### INTERNET BUSINESS TRANSACTION PROCESSOR

#### PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET

Patent Applicant/Assignee:

HARDWARESTREETCOM INC, HARDWARESTREET.COM, INC., Suite 305, 5190 Neil Road, Reno, NV 89502, US

Inventor(s):

**ALVIN Robert S** , ALVIN, Robert, S., 187 Redwood Drive, Boulder Creek, CA 95006, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 0023928 A2 20000427 (WO 200023928)

Application: WO 99US24452 19991019 (PCT/WO US9924452)

Priority Application: US 98104830 19981019

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ

TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 7729

Inventor(s):

**ALVIN Robert S** ...

Fulltext Availability:

Detailed Description

Claims

English Abstract

...among a plurality of distributors based on flexible rule-based algorithm. Furthermore, a multi-level **fraud** check processing system allows orders to be processed that would otherwise be discarded to generate...

French Abstract

...sur des regles souples. En outre, un systeme de traitement multi-niveau de verification des **fraudes** permet le traitement de

commandes qui seraient normalement rejetées de manière à assurer un meilleur...

#### Detailed Description

... as the preferred method of payment over the Internet has made checking for credit card **fraud** a necessity. To that end, almost all E Commerce businesses are connected to a financial service center for processing **fraud** checks. However, if the connection to the service center is down for any reason, process of sales is halted until a **fraud** check can be performed. Additionally, most E-Commerce businesses rely exclusively on the results of the commercially available **fraud** check institutions. If the criteria set by the **fraud** check institution are too high, then sales that would otherwise have been profitable are lost...

...maintaining gross company margins.

The business transaction processor of the present invention utilizes multi-level **fraud** checking system that incorporates propriety as well as commercially available **fraud** checking system thereby providing a higher level of risk management while providing a **fraud** check system that is not exclusively dependent on commercially available services.

The business transaction processor...

#### Claim

... the order processing of the present invention Figure 3 is a flow diagram showing the **fraud** processing according to the present invention.

Figure 4 is a flow diagram showing the distributor...

...also includes a main database 70 comprised of a Customer Database 710, Products Database 720, **Fraud** Database 730, and Order Database 740.

According to the present invention, a customer accesses the...Order Processing System 30 of the present invention is comprised of four basic sub systems: **Fraud** Detection 310, Credit Card Services 320, Distributor Selection 330, and Customer Service 340. The overall...

...Order Processing System 30 first determines whether the order is a valid order by the **Fraud** Detection sub system 310. If the order is valid, then the order is sent to...order.

A detailed description of each of the sub-systems is provided hereinafter.

#### Multi-Level **Fraud** Detection

The **Fraud** Detection sub-system 310 of the present invention is a multi-level **fraud** checking system used to determine if an order is a valid order. As shown in...

...productsf sales prices of the products, etc.

This order information is initially passed through the **Fraud** Detection sub-system 310.

The **Fraud** Detection sub-system 310 initially performs a data integrity check on the order information for...

...Once the order passes the data integrity check, the order then proceeds to a gross **fraud** check.

Gross **fraud** check involves searching the **Fraud** Database 730 internal to the transaction processor 10 of the present invention for history of bad credit by the customer submitting the order. The gross **fraud** check of the present invention acts as an initial filter for rejecting obvious **fraudulent** orders such as orders from "black-listed" customers in the **Fraud** Database 730 with previous histories of bad credit, orders from countries other than the United States under economic crisis, etc.

If an order fails the gross **fraud** check, the order is passed to Customer Service 340 and the customer is immediately notified of...

...the order cannot be processed. If, on the other hand, the order passes the gross **fraud** check, the order is then checked for credit card authorization from a financial institution, such as a commercially available **fraud** check service.

Based on the information received from the financial institution, a **fraud** level score, for example, is generated. The **fraud** level score is a grading system that indicates the level of risk the order will...

...threshold or a plurality of thresholds. Each threshold serves as a trigger to invoke other **fraud** rule based checks to be performed in conjunction with the score to determine the total...

...by several types of failures given a total overall score.

If the order passes the **fraud** checks, it is sent for finalized order processing. If, however, the order does not pass muster under the **fraud** checks, it is sent into a sorting bin. The sorting bin of the present invention...

...sorting bin.

The failed orders in the sorting bin are analyzed for reasons why the **fraud** level score was so high.

Failed orders are analyzed for previous purchases by the customer...

...a good history of previous purchases, for example, are low risk orders even though the **fraud** score is high and orders from customers who have no previous purchase history pose a...

...altered and resubmitted for validation or stored in a list of bad names in the **Fraud** Database 730 to be used in the gross **fraud** check of subsequent orders.

Alternatively, if there are generally a high number of failed orders in the sorting bin preventing sales of products, the **fraud** scores are analyzed and the threshold is dynamically modified to reduce the number of orders being rejected by the Order Processing system 30. By incorporating multi-level **fraud** checking system in the manner of the present invention, orders that would otherwise be lost...

...be recovered thereby increasing business transactions.

#### Distributor Selection

Once an order has been checked for **fraud** and passes as a valid order, the products in the order are checked by the...the order is completed, the order is passed onto the Order Processing system 30.

The **Fraud** Detection sub-system 310 performs a data integrity check such as whether each of the...

...the corrections. If the order passes the integrity check, then the order undergoes the gross **fraud** check.

The gross **fraud** check determines whether the customer has a history of defaulting on payments, whether the credit...

...a "black-listed" location such as Romania or Russia.

If the order fails the gross **fraud** check, the order is sent into a sorting bin. If the order passes the gross **fraud** check, the order is sent to a commercially available **fraud** checking service such as CyberSource@.

CyberSource(D processes the order information and returns a **fraud** score. The **fraud** score is then compared to a plurality of predetermined threshold that may be modified by customer service 340 and used in conjunction with other **fraud** rule based checks. If the order fails, it is placed into the sorting bin. If...

...was from an account holder who has good credit history from past purchases, whether the **fraud** score was too high because the billing address did not match the address of the...

...the Customer service representatives either contact the customer to clarify the discrepancies or override the **fraud** checks and place them into the processing bin to be sent to the Distributor Selection...

...system 330 for further processing. The rest of the failed orders are placed in the **Fraud** Database 730.

The Distributor Selection sub-system 330 sends the product information (i.e., SKU...processor of claim 1, wherein said database is comprised of a customer database, product database, **fraud** database, and order database.

6. The improved internet-centric transaction processor of claim 5, wherein...

...available, and price.

8. The improved internet-centric transaction processor of claim 5, wherein said **fraud** database stores credit data of said customers.

9. The improved internet-centric transaction processor of...

5/3,K/7 (Item 3 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00710999 \*\*Image available\*\*

**MULTI-LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET BUSINESS TRANSACTION PROCESSOR**

**SYSTEME MULTI-NIVEAU DE LUTTE CONTRE LA FRAUDE A RETROACTION DYNAMIQUE POUR PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET**

Patent Applicant/Assignee:

HARDWARESTREETCOM INC, HARDWARESTREET.COM, INC., Suite 305, 5190 Neil Road, Reno, NV 89502, US

Inventor(s):

**ALVIN Robert S** , ALVIN, Robert, S., 187 Redwood Drive, Boulder Creek, CA 95006, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 0023909 A1 20000427 (WO 200023909)

Application: WO 99US24439 19991019 (PCT/WO US9924439)

Priority Application: US 98104831 19981019

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ

TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 7730

**MULTI-LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET BUSINESS TRANSACTION PROCESSOR**

**SYSTEME MULTI-NIVEAU DE LUTTE CONTRE LA FRAUDE A RETROACTION DYNAMIQUE POUR PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET**

Inventor(s):

ALVIN Robert S ...  
Fulltext Availability:  
Detailed Description  
Claims

#### English Abstract

...among a plurality of distributors based on flexible rule-based algorithm. Furthermore, a multi-level **fraud** check processing system allows orders to be processed that would otherwise be discarded to generate...

#### French Abstract

...sur des regles souples. En outre, un systeme de traitement multi-niveau de verification des **fraudes** permet le traitement de commandes qui seraient rejetees en d'autres cas de maniere a...

#### Detailed Description

##### TITLE OF THE INVENTION

Multi-Level **Fraud** Check With Dynamic Feedback for Internet Business Transaction Processor FIELD OF INVENTION The present invention...as the preferred method of payment over the Internet has made checking for credit card **fraud** a necessity. To that end, almost all E Commerce businesses are connected to a financial service center for processing **fraud** checks. However, if the connection to the service center is down for any reason, process of sales is halted until a **fraud** check can be performed. Additionally, most E-Commerce businesses rely exclusively on the results of the commercially available **fraud** check institutions. If the criteria set by the **fraud** check institution are too high, then sales that would otherwise have been profitable are lost level **fraud** checking system that incorporates propriety as well as commercially available **fraud** checking system thereby providing a higher level of risk management while providing a **fraud** check system that is not exclusively dependent on commercially available services.

The business transaction processor...

#### Claim

... the order processing of the present invention.

Figure 3 is a flow diagram showing the **fraud** processing according to the present invention.

Figure 4 is a logic block diagram for performing the multilevel **fraud** processing according to the present invention.

Figure 5 is a flow diagram showing the distributor...

...also includes a main database 70 comprised of a Customer Database 710, Products Database 720, **Fraud** Database 730, and Order Database 740.

According to the present invention, a customer accesses the...Order Processing System 30 of the present invention is comprised of four basic sub systems: **Fraud** Detection 310, Credit Card Services 320, Distributor Selection 330, and Customer Service 340. The overall...

...Order Processing System 30 first determines whether the order is a valid order by the **Fraud** Detection sub system 310. If the order is valid, then the order is sent to...order.

A detailed description of each of the sub-systems is provided hereinafter.

#### Multi-Level **Fraud** Detection

The **Fraud** Detection sub-system 310 of the present invention is a multi-level **fraud** checking system used to determine if an order is a valid order. As shown in...

...products, sales prices of the products, etc.

This order information is initially passed through the **Fraud** Detection sub-system 310.

As shown in Figure 4, the logic blocks of the **Fraud** Detection sub-system 310 includes a data integrity checker 312, a rule-based gross **fraud** comparator 314, a credit authorization/**fraud** score generator 316, and rule based **fraud** score comparator 318. The interaction of these logic blocks will be explained with reference to...

...flow diagram as shown in Figure 3.

Once the order data is input into the **Fraud** Detection sub-system 310, the data integrity checker 312 initially performs a data integrity check ...Once the order passes the data integrity check, the order then proceeds to the gross **fraud** comparator 314.

Gross **fraud** check involves searching the **Fraud** Database 730 internal to the transaction processor 10 of the present invention for history of bad credit by the customer submitting the order. The gross **fraud** check of S the present invention acts as an initial filter for rejecting obvious **fraudulent** orders such as orders from "black-listed" customers in the **Fraud** Database 730 with previous histories of bad credit, orders from countries other than the United States under economic crisis, etc.

If an order fails the gross **fraud** check, the order is passed to Customer Service 340 and the customer is immediately notified...

...the order cannot be processed. If, on the other hand, the order passes the gross **fraud** check, the order is then checked for credit card authorization from a financial institution, such as a commercially available **fraud** check-service and AVS (Address Verification Service).

Based on the information received from the financial institution, a **fraud** level score, for example, is generated by the credit authorization/**fraud** score generator 316. The **fraud** level score is a grading system that indicates the level of risk the order will...

...the order. The score is then compared with several predetermined thresholds by the rule-based **fraud** score comparator 318 and takes different actions based on the comparison to these multiple thresholds...

...319.

The failed orders in the sorting bin 319 are analyzed for reasons why the **fraud** level score was so high. Failed orders are analyzed for previous purchases by the customer...

...a good history of previous purchases, for example, are low risk orders even though the **fraud** score is high and orders from customers who have no previous purchase history pose a bad names in the **Fraud** Database 730 to be used in the gross **fraud** check of subsequent orders.

Alternatively, if there are generally a high number of failed orders in the sorting bin preventing sales of products, the **fraud** scores are analyzed and either the rules for generating the **fraud** score is altered or the thresholds are dynamically modified to reduce the number of orders being rejected. Furthermore, the comparator parameters in the data integrity checker 312 and gross **fraud** comparator may also be modified based on the results of the rejected orders to optimize order validations. By incorporating multi-level **fraud** checking system in the manner of the present invention, orders that would otherwise be lost...

...be recovered thereby increasing business transactions.

#### Distributor Selection

Once an order has been checked for **fraud** and passes as a valid order, the products in the order are checked by the...the order is completed, the order is passed onto the Order Processing system 30.

The **Fraud** Detection sub-system 310 performs a data integrity check such as whether each of the...

...the corrections. If the order passes the integrity check, then the order undergoes the gross **fraud** check.

The gross **fraud** check determines whether the customer has a history of defaulting on payments, whether the credit...

...a "black-listed" location such as Romania or Russia.

If the order fails the gross **fraud** check, the order is sent into a sorting bin. If the order passes the gross **fraud** check, the order is sent to a commercially available **fraud** checking service such as CyberSource@.

CyberSource@ processes the order information and returns a **fraud** score. The **fraud** score is then compared to a plurality of predetermined threshold 340 and used in conjunction with other **fraud** rule based checks. If the order fails, it is placed into the sorting bin. If...

...was from an account holder who has good credit history from past purchases, whether the **fraud** score was too high because the billing address did not match the address of the...

...the Customer service representatives either contact the customer to clarify the discrepancies or override the **fraud** checks and place them into the processing bin to be sent to the Distributor Selection...

...system 330 for further processing. The rest of the failed orders are placed in the **Fraud** Database 730.

The Distributor Selection sub-system 330 sends the product information (i.e., SKU...said order to determine if the purchase order should be accepted or rejected, a gross **fraud** checker for checking the accepted orders from said data integrity checker for **fraud** based on **fraud** information stored in said database to determine if the purchase order should be accepted or rejected, a commercial authorization service for generating a **fraud** score of the orders accepted by the **fraud** checker, and a comparator for comparing said **fraud** score with a predetermined threshold to determine if the purchase order should be accepted or... integrity check to determine if the order should be accepted or rejected, performing a gross **fraud** check on accepted orders using **fraud** information stored in said database initially determine if the order should be accepted or rejected, performing a commercial **fraud** check on accepted orders to generate a **fraud** score, and comparing the **fraud** score with a predetermined threshold to either accept or reject said purchase order; and billing...

File 347:JAPIO OCT 1976-2001/Mar(UPDATED 010705)

(c) 2001 JPO & JAPIO

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200141

(c) 2001 Derwent Info Ltd

Set	Items	Description
S1	127660	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	700178	HIERARCH? OR PLURAL?
S3	83697	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	3462299	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (-CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	58833	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENCE) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT)() (SYSTEM? OR - NETWORK?))
S6	43329	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	1508	((NEURO OR NEURON)() (NET? OR CONTROLLER? OR CHIP? OR TRANS-MI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURON-ET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEURO-COMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	13	((S1 OR S2) (10N) S4) (S) (S3 AND (S5 OR S6 OR S7))



8/3,K/1 (Item 1 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

06744769 \*\*Image available\*\*  
WIDE AREA OPERATION SYSTEM

PUB. NO.: 2000-330623 [JP 2000330623 A]  
PUBLISHED: November 30, 2000 (20001130)  
INVENTOR(s): KOBASHI KAZUNOBU  
KAWAI TAKATOSHI  
APPLICANT(s): TOSHIBA KEISO KK  
TOSHIBA CORP  
APPL. NO.: 11-137329 [JP 99137329]  
FILED: May 18, 1999 (19990518)

ABSTRACT

...system from leaking to the outside part and all devices constituting the system from being **unauthorizedly** controlled even when one defense system is destroyed at the time of constituting the system by using the **internet** or the like.

SOLUTION: At the time of fetching data such as maintenance management data ...  
... device 4 connected with an intranet 2 or portable terminal equipment 6 connected with the **internet** 5, a long-in ID and a password are **confirmed** for each **hierarchy**, and authentication is applied to each **hierarchy**. Then, the remote **monitored** and remote control of a plant is operated by the monitoring controller 4 and the...

8/3,K/2 (Item 2 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

06707537 \*\*Image available\*\*  
DEVICE WITH MACHINE TYPE IDENTIFYING FUNCTION, MACHINE TYPE IDENTIFYING METHOD AND STORAGE MEDIUM

PUB. NO.: 2000-293369 [JP 2000293369 A]  
PUBLISHED: October 20, 2000 (20001020)  
INVENTOR(s): SUGIURA TAKU  
UCHIZONO TAKEJI  
IZEKI YUKIMASA  
TAIRA MASANOBU  
AIKO YASUYUKI  
APPLICANT(s): CANON INC  
APPL. NO.: 11-101350 [JP 99101350]  
FILED: April 08, 1999 (19990408)

ABSTRACT

... medium which prevent the performance of a device such as a copying machine from being **illegally** increased by **software** exchange or prescribed unit exchange.

SOLUTION: A main controller 11 has a backup memory 115...  
... stores machine type identification information and a CPU 111 that identifies whether the machine type **identification** information of some controllers (unit) among a **plurality** of controllers (unit) is different and issues an alarm or makes the device inoperable when...

8/3,K/3 (Item 3 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

06067438 \*\*Image available\*\*

DEVICE FOR PREVENTING FRAUDULENT CONTROL OF ELECTRIC POWER SYSTEM CONTROL SYSTEM

PUB. NO.: 11-008949 [JP 11008949 A]  
PUBLISHED: January 12, 1999 (19990112)  
INVENTOR(s): FUKUSHIMA NOBUO  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 09-159795 [JP 97159795]  
FILED: June 17, 1997 (19970617)

ABSTRACT

PROBLEM TO BE SOLVED: To prevent the serious **fraudulent** control caused by **software** by **comparing** and **checking** the processing results of **plural** processing routes, and judging each final control command to be the proper final control command, and transmitting it to remote equipment.

SOLUTION: Selective control in/out control **software** 87, wherein a measure to prevent unjust control is considered, takes in final control commands obtained from different processing **softwares** 85 and 86 and compares them with each other by an accordance check means 871...  
... 871, an individual control judging means 872 judges whether the final control commands from both **softwares** 85 and 86 conform to each other within a certain time. When this individual control...

... command sending-out processing means 873, designating a destination-of-transmission control equipment 6i. Thus, **fraudulent** control is prevented.

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8/3,K/4 (Item 4 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04652958 \*\*Image available\*\*  
SOFTWARE USE AMOUNT MANAGING SYSTEM AND STORAGE MEDIUM WITH SOFTWARE USED AMOUNT MANAGING FUNCTION

PUB. NO.: 06-324858 [JP 6324858 A]  
PUBLISHED: November 25, 1994 (19941125)  
INVENTOR(s): AKIYAMA RYOTA  
TORII NAOYA  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 05-112882 [JP 93112882]  
FILED: May 14, 1993 (19930514)

ABSTRACT

... 3 for management on which various kinds of regulation information(requirement limit quantity I for **software**, the number L of next hierarchy generation limit the number of hierarchy step K representing to what **hierarchy** backup version for its own can be generated, and **software** identification information PID, etc.) are written and a **software** storage medium part 1 in which the **software** is stored are set in one pair, and the use of the **software** can be permitted under the restriction of such regulation information. Also, the **software** storage part 1 may be set same as the storage medium parts 2, 3 for...

... a separation managing system as in the latter case is employed, the execution of the **software** is prohibited until the **software** identification information PID written on the medium respectively coincides with each other.

8/3,K/5 (Item 5 from file: 347)  
DIALOG(R) File 347:JAPIO

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02243658 \*\*Image available\*\*

METHOD FOR CHECKING FUNCTION OF TRANSMISSION CONTROL PROCEDURE IMPLEMENTING SOFTWARE

PUB. NO.: 62-160558 [JP 62160558 A]  
PUBLISHED: July 16, 1987 (19870716)  
INVENTOR(s): OKAMOTO TOSHIYA  
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 61-002506 [JP 862506]  
FILED: January 09, 1986 (19860109)  
JOURNAL: Section: P, Section No. 650, Vol. 11, No. 395, Pg. 162, December 24, 1987 (19871224)

ABSTRACT

... data base change instruction of a procedure JCL 6. The procedure execution task 7 fulfills **false** functions of **plural** tasks having the interface to a program 2 to be **checked** in accordance with the instruction of the task 5. Input data 8 is used in...

8/3,K/6 (Item 1 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013815393 \*\*Image available\*\*

WPI Acc No: 2001-299605/200131

XRPX Acc No: N01-214914

**Test editor method for web, involves formatting categories and questions such that they are capable of being played back over at least one of networks, standalone device and personal digital assistant**

Patent Assignee: IBT TECHNOLOGIES INC (IBTT-N)

Inventor: ADAMS B N; FIETSAM B J; WARNER D E

Number of Countries: 091 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200067225	A1	20001109	WO 2000US11774	A	20000430	200131 B
AU 200048120	A	20001117	AU 200048120	A	20000430	200131

Priority Applications (No Type Date): US 99132025 A 19990430

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
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WO 200067225	A1	E	33	G09B-005/14	
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Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200048120	A			G09B-005/14	Based on patent WO 200067225
--------------	---	--	--	-------------	------------------------------

Abstract (Basic):

... added to the available questions for future tests. The type of question is true or **false**, **matching**, **multiple** choice, **ranking**, fill-in the blank, labeling, short answer and essay question. A verification process is automatically...

8/3,K/7 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013193077 \*\*Image available\*\*

WPI Acc No: 2000-364950/200031

XRPX Acc No: N00-273137

Internet-based electronic commerce business transaction processor  
performs billing for mail customer for ordered product when selected  
supplier is authorized to ship product to customer

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023928	A2	20000427	WO 99US24452	A	19991019	200031 B
AU 200011244	A	20000508	AU 200011244	A	19991019	200037
EP 1040441	A2	20001004	EP 99955050	A	19991019	200050
			WO 99US24452	A	19991019	

Priority Applications (No Type Date): US 99345383 A 19990630; US 98104830 A 19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023928 A2 E 40 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200011244 A G06F-017/60 Based on patent WO 200023928

EP 1040441 A2 E G06F-017/60 Based on patent WO 200023928

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

Abstract (Basic):

... distributors, thereby enabling larger selection of products with  
higher availability and aggressively compatible pricing. Utilizes  
multi-level fraud checking system incorporating propriety as  
well as commercially available fraud checking system, thereby  
enabling high level of risk management. The business transaction  
processor is fully...

8/3,K/8 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2001 Derwent Info Ltd. All rts. reserv.

011946124 \*\*Image available\*\*

WPI Acc No: 1998-363034/199831

Related WPI Acc No: 1992-325674; 1993-251292; 1993-305235; 1993-313529;

1994-103292; 1994-236841; 1994-242360; 1994-250560; 1994-311606;

1994-342258; 1995-116722; 1995-246541; 1995-341616; 1995-373939;

1995-387959; 1996-062972; 1996-268785; 1997-195354; 1997-236117;

1997-236119; 1998-181451; 1999-409639; 2000-108239; 2000-118426;

2000-184726; 2000-184727; 2000-184728; 2000-184729; 2000-184730;

2000-184731; 2000-580985; 2000-580986; 2000-580987; 2000-580988;

2000-589072; 2000-589073; 2000-589074; 2000-589075; 2000-589076;

2000-589077; 2000-589078; 2000-595507; 2000-657890; 2001-009437;

2001-009562; 2001-009563; 2001-009564; 2001-018026; 2001-063437;

2001-063438; 2001-063439; 2001-063440; 2001-063441

XRPX Acc No: N98-283412

Optical disk recording medium - has substrate with dielectric layer and  
recording layer, with reflecting layer and second dielectric layer  
laminated upon recording layer, with overcoat layer on reflecting layer,  
allowing recording of write one identification

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU )

Inventor: GOTOH Y; KOISHI K; KONISHI S; MIYATAKE N; MORIYA M; MURAKAMI M;  
OSHIMA M; TAKEMURA Y; TANAKA S

Number of Countries: 020 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9827553	A1	19980625	WO 97JP4664	A	19971217	199831 B

EP 971345	A1	20000112	EP 97949124	A	19971217	200008
			WO 97JP4664	A	19971217	
CN 1241279	A	20000112	CN 97180845	A	19971217	200022
KR 2000057700	A	20000925	WO 97JP4664	A	19971217	200122
			KR 99705563	A	19990618	

Priority Applications (No Type Date): JP 97259110 A 19970924; JP 96339304 A 19961219; JP 979318 A 19970122

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9827553	A1	J	134	G11B-011/10	
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Designated States (National): CN KR US

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

EP 971345	A1	E		G11B-011/10	Based on patent WO 9827553
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Designated States (Regional): DE FR GB IT NL

CN 1241279	A			G11B-011/10	
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KR 2000057700	A			G11B-011/10	Based on patent WO 9827553
---------------	---	--	--	-------------	----------------------------

...Abstract (Basic): layer (213), and an overcoat layer (216) is formed on the surface of the reflecting layer (215). Several BCA write-once identification information systems sections (220a and 220b) are recorded in the circumferential direction of the disk...

...optical disk allows storing of write-once information usable for protecting the copyright of the software by preventing the duplication, unauthorised use of the software .

8/3,K/9 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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010372989 \*\*Image available\*\*

WPI Acc No: 1995-274351/199536

XRPX Acc No: N95-209646

Neural network multi-layer perceptron for on-line signature identification system - obtains linear predictive coefficient or cepstrum using linear predictive coding to extract features of signature, and sends to algorithm unit with expandable neural network

Patent Assignee: TELECOM LAB (TELE-N)

Inventor: HWANG S; JENG B; JENG N; JOU Y; WU K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
TW 250552	A	19950701	TW 94110071	A	19941102	199536 B

Priority Applications (No Type Date): TW 94110071 A 19941102

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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TW 250552	A		10	G06F-015/20	
-----------	---	--	----	-------------	--

Neural network multi-layer perceptron for on-line signature identification system...

...linear predictive coding to extract features of signature, and sends to algorithm unit with expandable neural network

8/3,K/10 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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009441373 \*\*Image available\*\*

WPI Acc No: 1992-251312/199231

XRAM Acc No: C93-171580

XRPX Acc No: N93-298128

Diagnostic gas monitoring for trace contaminants - includes sampling

process gas, passing sample through analysers, generating output signal from each analyser, generating status signal, etc.

Patent Assignee: UNION CARBIDE IND GASES TECHNOLOGY CORP (UNIC ); PRAXAIR TECHNOLOGY INC (PRAX-N); UNION CARBIDE IND GASES TECHN (UNIC )

Inventor: MALCZEWSKI M L

Number of Countries: 008 Number of Patents: 009

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 488120	A2	19920603	EP 91120075	A	19911125	199231	B
CA 2056111	A	19920527	CA 2056111	A	19911125	199233	
US 5265031	A	19931123	US 90618115	A	19901126	199348	
EP 488120	A3	19950301	EP 91120075	A	19911125	199541	
CA 2056111	C	19951003	CA 2056111	A	19911125	199546	
EP 488120	B1	19960925	EP 91120075	A	19911125	199643	
DE 69122357	E	19961031	DE 622357	A	19911125	199649	
			EP 91120075	A	19911125		
ES 2091848	T3	19961116	EP 91120075	A	19911125	199702	
KR 9707065	B1	19970502	KR 9121059	A	19911125	199941	

Priority Applications (No Type Date): US 90618115 A 19901126

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 488120	A2	E	32	G01N-033/00	
US 5265031	A		26	G01N-021/00	
EP 488120	B1	E		G06F-009/44	
Designated States (Regional): BE DE ES FR IT					
DE 69122357	E			G06F-009/44	Based on patent EP 488120
ES 2091848	T3			G06F-009/44	Based on patent EP 488120
CA 2056111	A			G01N-001/22	
EP 488120	A3			G01N-033/00	
CA 2056111	C			G01N-001/22	
KR 9707065	B1			G01N-021/00	

...Abstract (Equivalent): data values; (f) analysing the data values for the existence of a problem using an **expert system** rule base programme consisting of a multiplicity of rules arranged to form statements corresponding to different problems; (g) executing the rule base programme using an **expert system** shell with each problem recognised when the data values fall outside defined limits or are...

...a file of remedial actions for a preselected number of problem conditions; (i) directing the **expert system** shell to select the examination of the rules in the rule base programme in a predetermined **hierarchy** and in a linear sequence; and (j) **matching** problems identified by execution of the rule base programme with one or more preselected remedial actions in...

8/3,K/11 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009407787 \*\*Image available\*\*

WPI Acc No: 1993-101297/199312

XRPX Acc No: N93-077082

**Adaptive digital echo canceller for voice message system - using adaptive filtering techniques in which adjacent window of coeffs. is applied to cancel filter using adaptation control coupled to adapt window module**

Patent Assignee: DIGITAL SOUND CORP (DIGI-N)

Inventor: CROMACK M R; RAMAN V R

Number of Countries: 018 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9305597	A1	19930318	WO 92US7140	A	19920825	199312	B
EP 601082	A1	19940615	EP 92919105	A	19920825	199423	
			WO 92US7140	A	19920825		
JP 6510174	W	19941110	WO 92US7140	A	19920825	199504	

US 5400394 A 19950221 JP 93505239 A 19920825  
 US 91752825 A 19910830 199517  
 US 94265697 A 19940623  
 EP 601082 A4 19960515 EP 92919105 A 19920000 199643  
 CA 2116584 C 19990119 CA 2116584 A 19920825 199914  
 Priority Applications (No Type Date): US 91752825 A 19910830; US 94265697 A 19940623

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 WO 9305597 A1 E 33 H04J-015/00  
 Designated States (National): CA JP  
 Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE  
 EP 601082 A1 E 33 H04J-015/00 Based on patent WO 9305597  
 Designated States (Regional): DE FR GB IT  
 JP 6510174 W 1 H04B-003/23 Based on patent WO 9305597  
 US 5400394 A 19 H04J-015/00 Cont of application US 91752825  
 EP 601082 A4 H04J-015/00  
 CA 2116584 C H04B-003/21

...Abstract (Equivalent): The control **identifies** a **plurality** of frames meeting a power criterion and passes the frames to the adaptive filter, which adapts on taps in frame segments during all available DSP real time, using a 'cycle steal' approach for testing whether additional DSP processor cycles are available to use for echo cancellation...

8/3,K/12 (Item 7 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
 (c) 2001 Derwent Info Ltd. All rts. reserv.

008907358 \*\*Image available\*\*

WPI Acc No: 1992-034627/199205

XRPX Acc No: N92-026473

**Modular public telephone operating and management system - intrinsic cooperation between message concentration unit and central operating unit enables complete control of all aspects of system**

Patent Assignee: TELEFONICA ESPANA S (TELE-N); TELEFONICA ESPANA SA (TELE-N)

Inventor: IBANEZ PALOMEQUE F; MIR CEPRIA J; IBANEZ P; MIR C; CEPRIA J M; PALOMEQUE F I; PALOMECE F I; SEPRIA J M; IBANEZ F

Number of Countries: 019 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 468913	A	19920129				199205 B
ES 2023338	A	19920101	ES 902024	A	19900727	199206
BR 9103127	A	19920218				199212
ZA 9105894	A	19920429	ZA 915894	A	19910726	199223
US 5233647	A	19930803	US 91733144	A	19910719	199332
PT 98010	A	19930831	PT 98010	A	19910618	199338
EP 468913	A3	19930505	EP 91500081	A	19910725	199402
EP 468913	B1	19960403	EP 91500081	A	19910725	199618
DE 69118457	E	19960509	DE 618457	A	19910725	199624
			EP 91500081	A	19910725	
RU 2113064	C1	19980610	SU 5001191	A	19910726	199952

Priority Applications (No Type Date): ES 902024 A 19900727

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 EP 468913 A 9  
 Designated States (Regional): AT BE CH DE FR GB GR IT LI LU NL SE  
 ZA 9105894 A 25 H04M  
 US 5233647 A 7 H04M-015/00  
 EP 468913 A3 9  
 EP 468913 B1 E 10 H04M-017/02  
 Designated States (Regional): AT BE CH DE DK FR GB GR IT LI LU NL SE  
 DE 69118457 E H04M-017/02 Based on patent EP 468913

PT 98010 A M-017/02  
RU 2113064 C1 M-017/00

...Abstract (Equivalent): A system for operating public modular telephones comprising: a **plurality** of modular telephones; validation and **identification** units; access units; regional billing canter; a validation and billing canter; terminals of collecting entities...  
...communication with the canter operating unit; and information storage devices having system operating and management **software**, in communication with the message concentrator unit, means for controlling the message concentrator unit by...

8/3,K/13 (Item 8 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

007674773 \*\*Image available\*\*  
WPI Acc No: 1988-308705/198844  
XRPX Acc No: N88-234318

**Network communications adaptor with partitioned common buffer memory - has node control logic allocating available bandwidth and connecting alternate memory banks cyclically to common bus**  
Patent Assignee: NETWORK SYSTEMS CORP (NETW-N); NETWORK SYST CORP (NETW-N)  
Inventor: HUGHES J P; HUMPHREY D J; PETERSON W A; ROIGER W R  
Number of Countries: 007 Number of Patents: 005  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 288636	A	19881102	EP 87308161	A	19870916	198844	B
US 4933846	A	19900612	US 8741985	A	19870424	199031	
CA 1289673	C	19910924				199144	
EP 288636	B1	19940216	EP 87308161	A	19870916	199407	
DE 3789104	G	19940324	DE 3789104	A	19870916	199413	
			EP 87308161	A	19870916		

Priority Applications (No Type Date): US 8741985 A 19870424

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 288636	A	E	55		

Designated States (Regional): DE FR GB IT NL

EP 288636 B1 E 55 G06F-015/16

Designated States (Regional): DE FR GB IT NL

DE 3789104 G G06F-015/16 Based on patent EP 288636

...Abstract (Equivalent): associated with each of said first and second banks, said storage protection logic (204, 206) **comparing** said address representing signals originating from one of said **plurality** of processing means (110, 112, 114, 116, 118), and present on said first and second...

...110, 112, 114, 116, 118) for generating a fault interrupt signal when access to an **unauthorised** range of said control memory addresses for said one of said plurality of processor means...



File 347:JAPIO OCT 1976-01/Mar(UPDATED 010705)

(c) 2001 JPO & JAPIO

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200140

(c) 2001 Derwent Info Ltd

Set	Items	Description
S1	127900	(MULTI? OR NUMEROUS? OR MANY OR MANIFOLD OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	83631	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S3	3876966	COMPAR? OR CHECK? OR LIKEN? OR ANALOGI? OR ANALOGY? OR PARALLEL OR MATCH? OR EXAMIN? OR VIEW? OR WEIGH? OR MEASURE? OR - CONTRAST? OR VERIF? OR CONFIRM? OR (CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW?
S4	1	(S1(S) (S2(5N) S3)) AND (IC=G06F-017/60 OR IC=G06F-007/10 OR IC=G06F-017/00 OR MC=T01-H07C5E OR MC=T01-J05A OR MC= T01-J05-B4P)

4/3,K/1 (Item 1 from File: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013193077 \*\*Image available\*\*  
WPI Acc No: 2000-364950/200031  
XRPX Acc No: N00-273137

**Internet-based electronic commerce business transaction processor  
performs billing for retail customer for ordered product, when selected  
supplier is authorized to ship product to customer**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023928	A2	20000427	WO 99US24452	A	19991019	200031 B
AU 200011244	A	20000508	AU 200011244	A	19991019	200037
EP 1040441	A2	20001004	EP 99955050	A	19991019	200050
			WO 99US24452	A	19991019	

Priority Applications (No Type Date): US 99345383 A 19990630; US 98104830 A 19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023928 A2 E 40 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU  
CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC  
LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200011244 A G06F-017/60 Based on patent WO 200023928

EP 1040441 A2 E G06F-017/60 Based on patent WO 200023928

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI  
LU MC NL PT SE

Abstract (Basic):

... distributors, thereby enabling larger selection of products with  
higher availability and aggressively compatible pricing. Utilizes  
**multi-level fraud checking** system incorporating propriety as  
well as commercially available **fraud checking** system, thereby  
enabling high level of risk management. The business transaction  
processor is fully automated...

International Patent Class (Main): G06F-017/60

Manual Codes (EPI/S-X): T01-H07C5E ...

File 350:Derwent WPIX 19 2001/UD,UM &UP=200142

(c) 2001 Derwent Info Ltd

File 347:JAPIO OCT 1976-2001/Mar(UPDATED 010705)

(c) 2001 JPO & JAPIO

Set	Items	Description
S1	59368	(MULTI? OR MULTI()LEVEL? OR NUMEROUS OR MANY OR SEVERAL OR PLURAL?) (5N) (CHECK? OR COMPAR? OR EXAMIN? OR MEASUR? OR ANALY? OR VERIF? OR MONITOR?)
S2	21030	FRAUD? OR ILLEGAL? OR UNAUTHORI? OR UN()AUTHORI?
S3	122	S1 AND S2
S4	10	(IC=G06F-017/60 OR MC=T01-H07C5E) AND S3
?		

4/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013576163 \*\*Image available\*\*

WPI Acc No: 2001-060370/200107

Related WPI Acc No: 2000-686683; 2000-686684; 2000-686685; 2001-060369

XRPX Acc No: N01-045168

**Entity integrity verification system for computer, has smart card for integrity challenging to monitoring component during operation and does not undertake specific action unless satisfactory response is received**

Patent Assignee: HEWLETT-PACKARD CO (HEWP )

Inventor: BALACHEFF B; CHAN D

Number of Countries: 020 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200054126	A1	20000914	WO 2000GB752	A	20000303	200107 B

Priority Applications (No Type Date): GB 9929697 A 19991215; GB 995056 A 19990305

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200054126	A1	E	63	G06F-001/00	
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Designated States (National): JP US

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Abstract (Basic):

... A monitoring component having a data processor and data storage device, performs **multiple** data **checks** on a computing platform. A smart card performs an integrity challenge to monitoring component in

... making them inaccessible to other platform functions and provides an environment that is immune to **unauthorized** modifications

Manual Codes (EPI/S-X): T01-H07C5E ...

4/3,K/2 (Item 2 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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013284311 \*\*Image available\*\*

WPI Acc No: 2000-456246/200040

XRPX Acc No: N00-340270

**Digital multimedia data utilization monitoring procedure for computer network involves comparing extracted identification code with stored code to decide copy approval using electronic watermark data**

Patent Assignee: SASAKI R (SASA-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2000163488	A	20000616	JP 99270575	A	19990924	200040 B

Priority Applications (No Type Date): JP 98269551 A 19980924

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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JP 2000163488	A		12	G06F-017/60	
---------------	---	--	----	-------------	--

**Digital multimedia data utilization monitoring procedure for computer network involves comparing extracted identification code with stored code to decide copy...**

Abstract (Basic):

... An INDEPENDENT CLAIM is also included for **multimedia** data utilization **monitoring** system...

...Prevents **unauthorized** copying of data by recognizing the

identification code correctly...

...The figure shows the block diagram of **multimedia** data utilization **monitoring** system...

International Patent Class (Main): G06F-017/60

4/3,K/3 (Item 3 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013193078 \*\*Image available\*\*

WPI Acc No: 2000-364951/200031

XRPX Acc No: N00-273138

**Internet based electronic commerce business transaction processor,  
performs billing for retail customer for ordered product authorized for  
shipment**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023929	A1	20000427	WO 99US24453	A	19991019	200031 B
AU 9964336	A	20000508	AU 9964336	A	19991019	200037
EP 1040440	A1	20001004	EP 99952033	A	19991019	200050
			WO 99US24453	A	19991019	

Priority Applications (No Type Date): US 99343547 A 19990630; US 98104829 A 19981019

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200023929 A1 E 41 G06F-017/60

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 9964336 A G06F-017/60 Based on patent WO 200023929

EP 1040440 A1 E G06F-017/60 Based on patent WO 200023929

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

Abstract (Basic):

... distributors, thereby enabling larger selection of products with higher availability and aggressively competitive pricing. Utilizes **multilevel fraud checking** system incorporating propriety as well as commercially available **fraud** checking system, thereby enabling high level of risk management. The business transaction processor is fully...

International Patent Class (Main): G06F-017/60

Manual Codes (EPI/S-X): T01-H07C5E ...

4/3,K/4 (Item 4 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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013193077 \*\*Image available\*\*

WPI Acc No: 2000-364950/200031

XRPX Acc No: N00-273137

**Internet-based electronic commerce business transaction processor  
performs billing for retail customer for ordered product, when selected  
supplier is authorized to ship product to customer**

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023928	A2	20000127	WO 99US24452	A	19991019	200031 B
AU 200011244	A	20000508	AU 200011244	A	19991019	200037
EP 1040441	A2	20001004	EP 99955050	A	19991019	200050
			WO 99US24452	A	19991019	

Priority Applications (No Type Date): US 99345383 A 19990630; US 98104830 A 19981019

#### Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200023928	A2 E	40	G06F-017/60	

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200011244 A G06F-017/60 Based on patent WO 200023928

EP 1040441 A2 E G06F-017/60 Based on patent WO 200023928

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

#### Abstract (Basic):

... distributors, thereby enabling larger selection of products with higher availability and aggressively compatible pricing. Utilizes **multi-level fraud checking** system incorporating propriety as well as commercially available **fraud** checking system, thereby enabling high level of risk management. The business transaction processor is fully...

International Patent Class (Main): G06F-017/60

Manual Codes (EPI/S-X): T01-H07C5E ...

4/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013051515 \*\*Image available\*\*

WPI Acc No: 2000-223369/200019

XRPX Acc No: N00-167401

**Customer activated multiple-value card providing a customer with an alternative or secondary use as a credit card by adding a credit feature**

Patent Assignee: FIRST USA BANK NA (FIRS-N)

Inventor: BRAKE F B; SCHWARTZ D; ZIMMERMAN J

Number of Countries: 001 Number of Patents: 001

#### Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6032136	A	20000229	US 98193712	A	19981117	200019 B

Priority Applications (No Type Date): US 98193712 A 19981117

#### Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6032136	A	15	G06F-017/60	

#### Abstract (Basic):

... a customer (20) and a person calling to activate the card is identified (30), using **several** different questions. After **verification**, the system advances to a secondary credit card feature offer (45) and the customer is...

... Decreased chance of **fraud** by requiring customer to directly contact the process center...

International Patent Class (Main): G06F-017/60

4/3,K/6 (Item 6 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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012466161    \*\*Image available\*\*  
WPI Acc No: 1999-272269/199923  
XRPX Acc No: N99-203834

**Automatic ticket inspection system for traffic e.g. season ticket, coupon ticket, special-express ticket - includes memory unit to store information about station for illegal-boarding check**

Patent Assignee: TOSHIBA KK (TOKE )  
Number of Countries: 001    Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 11086047	A	19990330	JP 97246667	A	19970911	199923 B

Priority Applications (No Type Date): JP 97246667 A 19970911

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 11086047	A	6	G07B-011/02	

... includes memory unit to store information about station for illegal-boarding check

...Abstract (Basic): 2-4) connected to center (1), have automatic ticket inspection machines (5-7) which inspect **several** effective bi-directional tickets by **comparing** ticket information with boarding information stored in memories (5b-7b). Based on the comparison result

...Title Terms: **ILLEGAL** ;

International Patent Class (Additional): **G06F-017/60** ...

**4/3,K/7            (Item 7 from file: 350)**

DIALOG(R) File 350:Derwent WPIX  
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011493339    \*\*Image available\*\*  
WPI Acc No: 1997-471252/199744  
Related WPI Acc No: 1997-494818  
XRPX Acc No: N97-393168

**Accounting device for monitoring use of multimedia network - includes inputs for provision information, hardware usage data and financial information for discrimination unit to inhibit or permit external device use**

Patent Assignee: CANON KK (CANO )  
Inventor: IWAMURA K  
Number of Countries: 005    Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
AU 9714955	A	19970904	AU 9714955	A	19970226	199744 B
EP 802474	A2	19971022	EP 97301292	A	19970227	199747
US 6144946	A	20001107	US 97805970	A	19970225	200059
AU 730878	B	20010315	AU 9714955	A	19970226	200121

Priority Applications (No Type Date): JP 9639830 A 19960227

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
AU 9714955	A	101	G06F-017/60	
EP 802474	A2 E		G06F-001/00	

Designated States (Regional): DE FR GB

US 6144946	A	G06F-017/60	
AU 730878	B	G06F-017/60	Previous Publ. patent AU 9714955

**Accounting device for monitoring use of multimedia network...**

...Abstract (Basic): **ADVANTAGE** - Prohibits **illegal** use of the terminal and contributes to spread of the network...

...International Patent Class (Main): **G06F-017/60**

**4/3,K/8            (Item 8 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

011099715     \*\*Image available\*\*  
WPI Acc No: 1997-077640/199707  
XRPX Acc No: N97-064400

**Fraud detection system for medical and banking industries - includes risk analysis processor comparing entity scores derived from analysis criteria giving indication of fraudulent activity**

Patent Assignee: FRAUDETECT LLC (FRAU-N)

Inventor: COFOD R K

Number of Countries: 069    Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9700483	A1	19970103	WO 96US10352	A	19960614	199707 B
AU 9662798	A	19970115	AU 9662798	A	19960614	199718

Priority Applications (No Type Date): US 95490984 A 19950615

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 9700483	A1	E	46	G06F-015/00	
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Designated States (National): AL AM AT AU AZ BB BG BR BY CA CH CN CZ DE  
DK EE ES FI GB GE HU IS JP KE KG KP KR KZ LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG UZ VN

Designated States (Regional): AT BE CH DE DK EA ES FI FR GB GR IE IT KE  
LS LU MC MW NL OA PT SD SE SZ UG

AU 9662798	A			G06F-015/00	Based on patent WO 9700483
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**Fraud detection system for medical and banking industries...**

**...includes risk analysis processor comparing entity scores derived from analysis criteria giving indication of fraudulent activity**

**...Abstract (Basic): The fraud detection system includes a statistical analysis...**

**...at least one of numerous analysis criteria. An entity criterion...**

**...indicates whether the entity is engaging in a fraudulent**

**...**

**...ADVANTAGE - Provides fraud pre-processor detection system. Allows...**

**...analysis of large volumes of transaction data to detect fraud .**

**...**

**...Prioritises clients most likely to be engaging in fraudulent**

**...**

**...behaviour. Provides list of actions to take against fraudulent**

Title Terms: **FRAUD ;**

International Patent Class (Additional): **G06F-017/60 ...**

**4/3,K/9     (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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010838791     \*\*Image available\*\*  
WPI Acc No: 1996-335744/199634  
XRPX Acc No: N96-282983

**Secure anonymous message transfer and electronic voting - involves sender casting encrypting vote or message that is processed through several centres and allowing interested party to verify that each vote has been properly counted**

Patent Assignee: NEC CORP (NIDE ); NEC RES INST INC (NIDE )

Inventor: KILIAN J J; SAKO K

Number of Countries: 007    Number of Patents: 005



Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 723349	A2	19960724	EP 96300351	A	19960118	199634 B
JP 8263575	A	19961011	JP 95335493	A	19951222	199651
US 5682430	A	19971028	US 95376568	A	19950123	199749
JP 3003771	B2	20000131	JP 95335493	A	19951222	200010
EP 723349	B1	20010620	EP 96300351	A	19960118	200136

Priority Applications (No Type Date): US 95376568 A 19950123

Patent Details:

Patent No	Kind	Lang	Pg	Main IPC	Filing Notes
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EP 723349	A2	E	11	H04L-009/32	
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Designated States (Regional): DE ES FR GB NL

JP 8263575	A		32	G06F-019/00	
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US 5682430	A		9	H04L-009/30	
------------	---	--	---	-------------	--

JP 3003771	B2		9	G06F-019/00	Previous Publ. patent JP 8263575
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EP 723349	B1	E		H04L-009/32	
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Designated States (Regional): DE ES FR GB NL

...Abstract (Basic): ADVANTAGE - Prevents **fraud** and authenticates votes.

Can be realised by current generation personal computers with access to electronic bulletin board. Reduces amount of computation necessary to generate, transmit and **check** proofs by combining **multiple** proofs in single proof...

International Patent Class (Additional): G06F-017/60 ...

4/3,K/10 (Item 1 from file: 347)

DIALOG(R)File 347:JAPIO

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06317973 \*\*Image available\*\*

ELECTRONIC BUSINESS TRANSACTION SYSTEM **UNAUTHORIZED** UTILIZATION DETECTION METHOD AND DEVICE

PUB. NO.: 11-259571 [JP 11259571 A]

PUBLISHED: September 24, 1999 (19990924)

INVENTOR(s): FUJI HITOSHI  
NAKAYAMA RYUJI  
IJUIN TADASHI

APPLICANT(s): NIPPON TELEGR & TELEPH CORP &lt;NTT&gt;

APPL. NO.: 10-063013 [JP 9863013]

FILED: March 13, 1998 (19980313)

ELECTRONIC BUSINESS TRANSACTION SYSTEM **UNAUTHORIZED** UTILIZATION DETECTION METHOD AND DEVICE

INTL CLASS: G06F-017/60 ; G06F-011/34

ABSTRACT

PROBLEM TO BE SOLVED: To provide electronic business transaction system **unauthorized** utilization detection method and device capable of detecting the **unauthorized** utilization of a system by an **unauthorized** user and an **unauthorized** client based on the result of monitoring the normal action of a normal user and...

... 2 as a judgement standard for judging whether or not the access is by the **unauthorized** utilization every time new access is executed and an **unauthorized** utilization judgement means 7 for **comparing** the **plural** data incorporated in the individual model and the general model supplied by the judgement standard...

...means 1 accompanying the access and judging whether or not the access is by the **unauthorized** utilization.

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?show files;ds

File 350:Derwent WPIX 1963-2001/UD,UM &UP=200142

File 347:JAPIO OCT 1976 01/Mar(UPDATED 010705)

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File 350:Derwent WPIX 1963-2001/UD,UM &UP=200141

(c) 2001 Derwent Info Ltd

Set	Items	Description
S1	127660	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	700178	HIERARCH? OR PLURAL?
S3	83697	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	3462299	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (-CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	58833	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENCE) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR - NETWORK?))
S6	43329	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	1508	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANS-MI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURON-ET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEURO-COMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	13	((S1 OR S2) (10N)S4) (S) (S3 AND (S5 OR S6 OR S7))
S9	22	((S1 OR S2) (S)S3(S)S4) AND (S5 OR S6 OR S7)

9/3,K/1 (Item 1 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06806984 \*\*Image available\*\*  
SECURITY SYSTEM

PUB. NO.: 2001-034468 [JP 2001034468 A]  
PUBLISHED: February 09, 2001 (20010209)  
INVENTOR(s): SHIMAMURA TSUTOMU  
KOBAYASHI MASAMITSU  
APPLICANT(s): SENSOR TECHNOS KK  
APPL. NO.: 11-208269 [JP 99208269]  
FILED: July 22, 1999 (19990722)

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a security system suitable for preventing the **unauthorized** copy of **software** .

SOLUTION: **Plural** LC resonance tags 1 are adhered to a CD case 23 of a CD-ROM as a **check** digital generating means at the time of install then the CD-ROM is sold, and...

... waves of the LC resonance tags can be detected. The reflected wave scanner 11 outputs **check** digits corresponding to the reflected waves of the LC resonance tags 1 to the personal computer 21. The installer of the personal computer 21 **confirms** the ID key data of the CD-ROM and the **check** digits, and executes install. After the install, the peeling or adhered position change of the...

... 1 of the CD case 23 is operated according to a message, and the installer **confirms** the change of the reflected waves, and ends the install.

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9/3,K/2 (Item 2 from file: 347)  
DIALOG(R)File 347:JAPIO  
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06744769 \*\*Image available\*\*  
WIDE AREA OPERATION SYSTEM

PUB. NO.: 2000-330623 [JP 2000330623 A]  
PUBLISHED: November 30, 2000 (20001130)  
INVENTOR(s): KOBASHI KAZUNOBU  
KAWAI TAKATOSHI  
APPLICANT(s): TOSHIBA KEISO KK  
TOSHIBA CORP  
APPL. NO.: 11-137329 [JP 99137329]  
FILED: May 18, 1999 (19990518)

#### ABSTRACT

...system from leaking to the outside part and all devices constituting the system from being **unauthorizedly** controlled even when one defense system is destroyed at the time of constituting the system by using the **internet** or the like.

SOLUTION: At the time of fetching data such as maintenance management data ...

... of each pump or the like connected with each control terminal equipment 3 by a **monitor** controlling device 4 connected with an intranet 2 or portable terminal equipment 6 connected with the **internet** 5, a long-in ID and a password are **confirmed** for each **hierarchy** , and authentication is applied to each **hierarchy** . Then, the remote **monitored** and remote control of a plant is operated by the **monitoring** controller 4 and the

portable terminal equipment 6.

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9/3,K/3 (Item 3 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06707537 \*\*Image available\*\*  
DEVICE WITH MACHINE TYPE IDENTIFYING FUNCTION, MACHINE TYPE IDENTIFYING  
METHOD AND STORAGE MEDIUM

PUB. NO.: 2000-293369 [JP 2000293369 A]  
PUBLISHED: October 20, 2000 (20001020)  
INVENTOR(s): SUGIURA TAKU  
UCHIZONO TAKEJI  
IZEKI YUKIMASA  
TAIRA MASANOBU  
AIKO YASUYUKI  
APPLICANT(s): CANON INC  
APPL. NO.: 11-101350 [JP 99101350]  
FILED: April 08, 1999 (19990408)

#### ABSTRACT

PROBLEM TO BE SOLVED: To obtain, without increasing cost, a device having a machine type **identifying** function, a machine type **identifying** method and a storage medium which prevent the performance of a device such as a copying machine from being **illegally** increased by **software** exchange or prescribed unit exchange.

SOLUTION: A main controller 11 has a backup memory 115 which stores machine type **identification** information and a CPU 111 that **identifies** whether the machine type **identification** information of some controllers (unit) among a **plurality** of controllers (unit) is different and issues an alarm or makes the device inoperable when the machine type **identification** information is different. A device controller 12 and a printer controller 13 have backup memories 125 and 135 storing the machine type **identification** information, respectively.

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9/3,K/4 (Item 4 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06601821 \*\*Image available\*\*  
INFORMATION PROCESSOR

PUB. NO.: 2000-187618 [JP 2000187618 A]  
PUBLISHED: July 04, 2000 (20000704)  
INVENTOR(s): MATSUDA TAKASHI  
APPLICANT(s): CASIO COMPUT CO LTD  
APPL. NO.: 10-364954 [JP 98364954]  
FILED: December 22, 1998 (19981222)

#### ABSTRACT

PROBLEM TO BE SOLVED: To make it difficult to analyze secret information based on the **measurement** of current consumption or electromagnetic waves.

SOLUTION: The operations of a program counter block 12...

... 19, and real processing based on secret information held in a flash memory 15 and **false** processing which does not use the secret information is executed in time-vision parallel. Thus, the influence of the **false** processing is mixed with current consumption or electromagnetic waves so that the secret information can...

... high speed processing can be realized by making it unnecessary to operate switching processing by **software** processing. Moreover, **plural** common hardware is used for the real processing and the **false** processing so that the secret information becomes more difficult to be analyzed.

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9/3,K/5 (Item 5 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06083404 \*\*Image available\*\*  
SYSTEM AND METHOD FOR MANAGING LICENSE OF NON-GRATUITOUS **SOFTWARE**

PUB. NO.: 11-024918 [JP 11024918 A]  
PUBLISHED: January 29, 1999 (19990129)  
INVENTOR(s): NISHINO SUNAO  
APPLICANT(s): NEC CORP  
APPL. NO.: 09-195099 [JP 97195099]  
FILED: July 04, 1997 (19970704)

SYSTEM AND METHOD FOR MANAGING LICENSE OF NON-GRATUITOUS **SOFTWARE**

#### ABSTRACT

PROBLEM TO BE SOLVED: To cope with **plural** machine types and to detect the **illegal** copy of a introduction medium of chargeable **software** by **comparing** a system number included in chargeable data with a MAC address of a computer to **verify** and starting a requested chargeable **software** when data that can be started are received from a server computer.

SOLUTION: A chargeable **software** start program 115 reads chargeable data 114 from chargeable **software** that is a start object and reads a MAC address 116 of a computer by...

...a system number of the data 114 and the address 116 of the computer is **checked**. When return data from a license management program 101 shows start permission, the program 115 starts the chargeable **software**. This prevents the **software** from being **illegally** operated on other computers.

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9/3,K/6 (Item 6 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06067438 \*\*Image available\*\*  
DEVICE FOR PREVENTING FRAUDULENT CONTROL OF ELECTRIC POWER SYSTEM CONTROL SYSTEM

PUB. NO.: 11-008949 [JP 11008949 A]  
PUBLISHED: January 12, 1999 (19990112)  
INVENTOR(s): FUKUSHIMA NOBUO  
APPLICANT(s): TOSHIBA CORP  
APPL. NO.: 09-159795 [JP 97159795]  
FILED: June 17, 1997 (19970617)

#### ABSTRACT

PROBLEM TO BE SOLVED: To prevent the serious **fraudulent** control caused by **software** by **comparing** and **checking** the processing results of **plural** processing routes, and judging each final control command to be the proper final control command, and transmitting it to remote equipment.

SOLUTION: Selective control in/out control **software** 87, wherein a **measure** to prevent unjust control is considered, takes in final control commands obtained from different processing **softwares** 85 and 86 and

compares them with each other by an accordance check means 871 for individual control. At this time, when it receives the check start command signal by an accordance check processing means 871, an individual control judging means 872 judges whether the final control commands from both softwares 85 and 86 conform to each other within a certain time. When this individual control...

... command sending-out processing means 873, designating a destination-of-transmission control equipment 6i. Thus, fraudulent control is prevented.

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9/3,K/7 (Item 7 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05800373 \*\*Image available\*\*  
METHOD FOR RECOGNIZING PAPER MONEY

PUB. NO.: 10-083473 [JP 10083473 A]  
PUBLISHED: March 31, 1998 (19980331)  
INVENTOR(s): NAKAJIMA HIDEKI  
TATSUMI HIROYUKI  
SAKAI HIDETAKA  
APPLICANT(s): SANYO ELECTRIC CO LTD [000188] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-237963 [JP 96237963]  
FILED: September 09, 1996 (19960909)

#### ABSTRACT

... The picture data of a recognized paper money is first fetched using a light having plural different wavelengths (S2). Then, it is roughly judged whether the recognized paper money is a true note or a false note from this picture data (S3). Then, an identification error is predicted from the picture data of the recognized paper money thus judged to be a true note, and at the same time, it is precisely judged whether the identified paper money is a true note or a false note using this identification error (S4). Then, highly accurate judgment is performed for the picture data thus judged to be a true note using a neural net (S5).

9/3,K/8 (Item 8 from file: 347)  
DIALOG(R)File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

05513431 \*\*Image available\*\*  
DETECTING METHOD FOR ILLEGAL USE OF SOFTWARE

PUB. NO.: 09-128231 [JP 9128231 A]  
PUBLISHED: May 16, 1997 (19970516)  
INVENTOR(s): FUNATO MASATSURU  
APPLICANT(s): NIPPON AVIONICS CO LTD [327329] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-287087 [JP 95287087]  
FILED: November 06, 1995 (19951106)

DETECTING METHOD FOR ILLEGAL USE OF SOFTWARE

#### ABSTRACT

PROBLEM TO BE SOLVED: To detect software being used by illegal duplication...

... assigned to computers 2a to 2c of users, and ID numbers and serial numbers of software, incorporated in the devices, from the computers 2a

to 2c. The computers 2a... 2c...  
...1 send out their device numbers and the ID numbers and serial numbers of the **software**. According to the received information, the computer 3 **checks** whether or not the **software** having the same ID number and serial number is used by **plural** computers having different device numbers. When the same **software** is used, it is judged that the **software** is used by **illegal** duplication.

9/3,K/9 (Item 9 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

05450101 \*\*Image available\*\*  
ADDRESS LEARNING SYSTEM FOR SWITCHING HUB

PUB. NO.: 09-064901 [JP 9064901 A]  
PUBLISHED: March 07, 1997 (19970307)  
INVENTOR(s): HAYAMA HIROYUKI  
APPLICANT(s): HITACHI CABLE LTD [000512] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 07-217179 [JP 95217179]  
FILED: August 25, 1995 (19950825)

#### ABSTRACT

...SOLUTION: **Plural** terminals are connected to a port 1 of a switching hub 11a and a **plural** terminal connection flag is set to TRUE. Only a single terminal connects respectively to ports 2, 3. The **plural** terminal connection flag is set to **FALSE**. When the **plural** terminal connection flag is set to **FALSE**, it is discriminated that only one connection terminal is connected to the concerned port. In this case, an address this time is **compared** with a precedingly received address only without retrieving an address discrimination circuit memory (CAM) for learning the address to only **check** whether or not another connection terminal is replaced. Since the **software** operating time is required in a CPU and it is not required to access a...

9/3,K/10 (Item 10 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

03155171 \*\*Image available\*\*  
COLLATING METHOD FOR PERSONAL IDENTIFICATION NUMBER

PUB. NO.: 02-130671 [JP 2130671 A]  
PUBLISHED: May 18, 1990 (19900518)  
INVENTOR(s): SAKAMOTO RYOZO  
FUKUSHIMA KAZUYA  
KUBOTA KOJI  
YASUE NOBUHIRO  
APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP (Japan)  
HITACHI TECHNO ENG CO LTD [419434] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 63-283690 [JP 88283690]  
FILED: November 11, 1988 (19881111)  
JOURNAL: Section: P, Section No. 1087, Vol. 14, No. 358, Pg. 93,  
August 02, 1990 (19900802)

#### ABSTRACT

PURPOSE: To obtain the collating method of a personal **identification** number not to permit the **unfair** use of a card excepting for a fair user by dividing an encoding arithmetic expression into **plural** parts and providing one part of the expression in a card reader...

... the unfair use of the card, excepting for the fair user, can be

prevented in on line processing.

9/3,K/11 (Item 11 from file: 347)  
DIALOG(R) File 347:JAPIO  
(c) 2001 JPO & JAPIO. All rts. reserv.

02243658 \*\*Image available\*\*  
METHOD FOR CHECKING FUNCTION OF TRANSMISSION CONTROL PROCEDURE IMPLEMENTING  
SOFTWARE

PUB. NO.: 62-160558 [JP 62160558 A]  
PUBLISHED: July 16, 1987 (19870716)  
INVENTOR(s): OKAMOTO TOSHIYA  
APPLICANT(s): MITSUBISHI ELECTRIC CORP [000601] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 61-002506 [JP 862506]  
FILED: January 09, 1986 (19860109)  
JOURNAL: Section: P, Section No. 650, Vol. 11, No. 395, Pg. 162,  
December 24, 1987 (19871224)

METHOD FOR CHECKING FUNCTION OF TRANSMISSION CONTROL PROCEDURE IMPLEMENTING  
SOFTWARE

#### ABSTRACT

PURPOSE: To facilitate checking the function of **software** which implements  
transmission control procedures, by dividing **software** into a procedure  
control task and a procedure execution task to check **software** .

...

...starting task of a procedure execution task 7 of the sequence of data to  
be **checked** and a task to be started as a dummy based on contents of the  
procedure...

... data base change instruction of a procedure JCL 6. The procedure  
execution task 7 fulfills **false** functions of **plural** tasks having the  
interface to a program 2 to be **checked** in accordance with the instruction  
of the task 5. Input data 8 is used in...

... number is equal to the number of tasks having the interface, as a  
tester, and **check** is always performed with only tasks 5 and 7.

9/3,K/12 (Item 1 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013815393 \*\*Image available\*\*  
WPI Acc No: 2001-299605/200131  
XRPX Acc No: N01-214914

**Test editor method for web, involves formatting categories and questions  
such that they are capable of being played back over at least one of  
networks, standalone device and personal digital assistant**

Patent Assignee: IBT TECHNOLOGIES INC (IBTT-N)  
Inventor: ADAMS B N; FIETSAM B J; WARNER D E  
Number of Countries: 091 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200067225	A1	20001109	WO 2000US11774	A	20000430	200131 B
AU 200048120	A	20001117	AU 200048120	A	20000430	200131

Priority Applications (No Type Date): US 99132025 A 19990430

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 200067225	A1	E	33	G09B-005/14	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY CA CH



CN CR CU CZ DE DK DM EE ES FI GB GD GE GH GM HR HU IL IN IS JP KE  
KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW  
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR  
IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW  
AU 200048120 A G09B-005/14 Based on patent WO 200067225

Abstract (Basic):

... added to the available questions for future tests. The type of question is true or false , matching , multiple choice, ranking , fill-in the blank, labeling, short answer and essay question. A verification process is automatically performed to verify the accuracy and validity of the test. An INDEPENDENT CLAIM is also included for test...

...The software provides the user with several capabilities such as browsing the test questions, saving and terminating...

9/3,K/13 (Item 2 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

013193077 \*\*Image available\*\*  
WPI Acc No: 2000-364950/200031  
XRPX Acc No: N00-273137

Internet-based electronic commerce business transaction processor performs billing for retail customer for ordered product, when selected supplier is authorized to ship product to customer

Patent Assignee: HARDWARESTREET.COM INC (HARD-N)

Inventor: ALVIN R S

Number of Countries: 085 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200023928	A2	20000427	WO 99US24452	A	19991019	200031 B
AU 200011244	A	20000508	AU 200011244	A	19991019	200037
EP 1040441	A2	20001004	EP 99955050	A	19991019	200050
			WO 99US24452	A	19991019	

Priority Applications (No Type Date): US 99345383 A 19990630; US 98104830 A 19981019

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
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WO 200023928	A2	E	40	G06F-017/60	
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Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SL SZ TZ UG ZW

AU 200011244	A			G06F-017/60	Based on patent WO 200023928
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EP 1040441	A2	E		G06F-017/60	Based on patent WO 200023928
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Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

Internet-based electronic commerce business transaction processor performs billing for retail customer for ordered product, when...

Abstract (Basic):

... before the purchase order is authorized for fulfillment. An INDEPENDENT CLAIM is also included for Internet -based electronic commerce business transaction processing method...

...For processing electronic commerce business transactions e.g. for computer-related products, etc. in Internet .

...

...enabling larger selection of products with higher availability and aggressively compatible pricing. Utilizes multi-level **fraud checking** system incorporating propriety as well as commercially available **fraud checking** system, thereby enabling high level of risk management. The business transaction processor is fully automated

9/3,K/14 (Item 3 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

012204811 \*\*Image available\*\*  
WPI Acc No: 1999-010917/199902  
XRAM Acc No: C99-003796  
XRPX Acc No: N99-008155

**Measuring high phase differences in samples - which are birefractive and transparent and can show false colours in white light**

Patent Assignee: THUERINGSCHES INST TEXTIL & KUNST (THUE-N)

Inventor: KAUFMANN S

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 19819670	A1	19981126	DE 1019670	A	19980502	199902 B

Priority Applications (No Type Date): DE 1019670 A 19980502

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 19819670	A1		7	G01N-021/23	

...Abstract (Basic): A process and installation are for an automatic and contact-free **measurement** of high phase differences of birefractive and transparent samples (3) on the basis of senarmont fibres, filaments, films and surface structures in particular. The materials can show **false** colours in white light. The process involves determining the equatorial intensity distributions for at least...

...difference of the phase differences between each two adjacent wave lengths is determined across a **range** of **several** arrays. The absolute minimum of the absolute difference for each wave length pair is indicated...

...USE - The process is suitable for all transparent samples in a lab or on -line .

9/3,K/15 (Item 4 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

011946124 \*\*Image available\*\*  
WPI Acc No: 1998-363034/199831  
Related WPI Acc No: 1992-325674; 1993-251292; 1993-305235; 1993-313529; 1994-103292; 1994-236841; 1994-242360; 1994-250560; 1994-311606; 1994-342258; 1995-116722; 1995-246541; 1995-341616; 1995-373939; 1995-387959; 1996-062972; 1996-268785; 1997-195354; 1997-236117; 1997-236119; 1998-181451; 1999-409639; 2000-108239; 2000-118426; 2000-184726; 2000-184727; 2000-184728; 2000-184729; 2000-184730; 2000-184731; 2000-580985; 2000-580986; 2000-580987; 2000-580988; 2000-589072; 2000-589073; 2000-589074; 2000-589075; 2000-589076; 2000-589077; 2000-589078; 2000-595507; 2000-657890; 2001-009437; 2001-009562; 2001-009563; 2001-009564; 2001-018026; 2001-063437; 2001-063438; 2001-063439; 2001-063440; 2001-063441  
XRPX Acc No: N98-283412

**Optical disk recording medium - has substrate with dielectric layer and recording layer, with reflecting layer and second dielectric layer laminated upon recording layer, with overcoat layer on reflecting layer,**

**allowing recording of write one identification**

Patent Assignee: MATSUSHITA ELECTRIC IND CO LTD (MATU )  
Inventor: GOTOH Y; KOISHI K; KONISHI S; MIYATAKE N; MORIYA M; MURAKAMI M;  
OSHIMA M; TAKEMURA Y; TANAKA S  
Number of Countries: 020 Number of Patents: 004  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9827553	A1	19980625	WO 97JP4664	A	19971217	199831 B
EP 971345	A1	20000112	EP 97949124	A	19971217	200008
			WO 97JP4664	A	19971217	
CN 1241279	A	20000112	CN 97180845	A	19971217	200022
KR 2000057700	A	20000925	WO 97JP4664	A	19971217	200122
			KR 99705563	A	19990618	

Priority Applications (No Type Date): JP 97259110 A 19970924; JP 96339304 A 19961219; JP 979318 A 19970122

**Patent Details:**

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
WO 9827553	A1	J	134	G11B-011/10	
				Designated States (National): CN KR US	
				Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE	
EP 971345	A1	E		G11B-011/10	Based on patent WO 9827553
				Designated States (Regional): DE FR GB IT NL	
CN 1241279	A			G11B-011/10	
KR 2000057700	A			G11B-011/10	Based on patent WO 9827553

...Abstract (Basic): layer (213), and an overcoat layer (216) is formed on the surface of the reflecting layer (215). **Several** BCA write-once **identification** information systems sections (220a and 220b) are recorded in the circumferential direction of the disk...

...optical disk allows storing of write-once information usable for protecting the copyright of the **software** by preventing the duplication, **unauthorised** use of the **software** .

**9/3,K/16 (Item 5 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

011526152 \*\*Image available\*\*  
WPI Acc No: 1997-502638/199746  
XRPX Acc No: N97-419024

**Adaptive statistical regression and classification of data strings e.g. for detecting computer virus - developing classifier that uses occurrence frequency of features in input string to classify string, and augmenting number of exemplars in default class with additional exemplars from outside classes**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC )  
Inventor: KEPHART J O; SORKIN G B; TESAURO G J; WHITE S R  
Number of Countries: 001 Number of Patents: 001  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5675711	A	19971007	US 94242757	A	19940513	199746 B

Priority Applications (No Type Date): US 94242757 A 19940513

**Patent Details:**

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 5675711	A		13	G06E-001/00	

...Abstract (Basic): viruses from files or boot records that are not infected. Also for reverse engineering to **check** for patent infringement by obtaining source code from machine code, but where particular compiler used for original compilation is unknown, and where program's author deliberately hides **illegal** infringement or virus writing, so that **identification** of machine code features specific to

single compiler is necessary. Solves problem of automatically constructing...

...developed using adaptive or learning techniques from statistical regression and classification, such as, e.g., multi-layer neural networks .

9/3,K/17 (Item 6 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2001 Derwent Info Ltd. All rts. reserv.

010277781 \*\*Image available\*\*  
WPI Acc No: 1995-179036/199523  
XRPX Acc No: N95-140529

**Authenticating system for software carriers - has reader of predetermined information stored on carrier to obtain authorisation code and comparator to determine validity of publisher code**

Patent Assignee: TIME WARNER ENTERTAINMENT CO LP (TIME-N)

Inventor: COOKSON C J; OSTROVER L S

Number of Countries: 058 Number of Patents: 014

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9512200	A1	19950504	WO 94US11823	A	19941013	199523 B
AU 9479821	A	19950522	AU 9479821	A	19941013	199534
US 5450489	A	19950912	US 93144829	A	19931029	199542
EP 728358	A1	19960828	EP 94930810	A	19941013	199639
			WO 94US11823	A	19941013	
AU 673634	B	19961114	AU 9479821	A	19941013	199702
JP 8510856	W	19961112	WO 94US11823	A	19941013	199708
			JP 95512695	A	19941013	
CA 2175063	C	19971230	CA 2175063	A	19941013	199812
EP 728358	A4	19970101	EP 94930810	A	19941013	199841
JP 11250573	A	19990917	JP 95512695	A	19941013	199949
			JP 98343332	A	19941013	
EP 1033711	A2	20000906	EP 94930810	A	19941013	200044
			EP 2000106556	A	19941013	
EP 728358	B1	20010307	EP 94930810	A	19941013	200114
			WO 94US11823	A	19941013	
			EP 2000106556	A	19941013	
KR 232119	B1	20000115	WO 94US11823	A	19941013	200114
			KR 96702213	A	19960429	
DE 69426828	E	20010412	DE 626828	A	19941013	200128
			EP 94930810	A	19941013	
			WO 94US11823	A	19941013	
ES 2155858	T3	20010601	EP 94930810	A	19941013	200137

Priority Applications (No Type Date): US 93144829 A 19931029

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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WO 9512200	A1	E	82 G11B-023/28	
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Designated States (National): AM AT AU BB BG BR BY CA CH CN CZ DE DK ES FI GB GE HU JP KE KG KP KR KZ LK LT LU LV MD MG MN MW NL NO NZ PL PT RO RU SD SE SI SK TJ TT UA UZ VN

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT KE LU MC MW NL OA PT SD SE SZ

AU 9479821	A		G11B-023/28	Based on patent WO 9512200
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US 5450489	A		33 G11B-023/28	
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EP 728358	A1	E	82 G11B-023/28	Based on patent WO 9512200
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Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

AU 673634	B		G11B-023/28	Previous Publ. patent AU 9479821
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Based on patent WO 9512200

JP 8510856	W		89 G11B-020/10	Based on patent WO 9512200
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CA 2175063	C		G06F-012/14	
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EP 728358	A4		G11B-023/28	
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JP 11250573 A 38 G11B-020/10 Div ex application WO 95512695  
 EP 1033711 A2 E G11B-019/02 Div ex application EP 94930810  
 Div ex patent EP 728358  
 Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE  
 EP 728358 B1 E G11B-023/28 Related to application EP 2000106556  
 Related to patent EP 1033711  
 Based on patent WO 9512200  
 Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
 NL PT SE  
 KR 232119 B1 G11B-020/04  
 DE 69426828 E G11B-023/28 Based on patent EP 728358  
 Based on patent WO 9512200  
 ES 2155858 T3 G11B-023/28 Based on patent EP 728358

# **Authenticating system for software carriers...**

...Abstract (Equivalent): A system for playing **software** carriers which distinguishes between the **software** carriers of authorized and **unauthorized** publishers, each **software** carrier of an authorized publisher containing a **plurality** of data blocks from which a signal can be generated upon play of the carrier...

...a public-key crypto system pair and said predetermined information being a function of the **software** contents of the carrier in a lead-in section of the carrier which contains control...

...said carrier authorization code with the public key paired with said private key and for **comparing** the decrypted carrier authorization code with said derived computed code; and means for selectively allowing play of said **software** carrier in accordance with the operation of said **comparing** means...

...Title Terms: **SOFTWARE** ;

9/3,K/18 (Item 7 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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009407787 \*\*Image available\*\*  
 WPI Acc No: 1993-101297/199312  
 XRPX Acc No: N93-077082

**Adaptive digital echo canceller for voice message system - using adaptive filtering techniques in which adjacent window of coeffts. is applied to cancel filter using adaptation control coupled to adapt window module**

Patent Assignee: DIGITAL SOUND CORP (DIGI-N)

Inventor: CROMACK M R; RAMAN V R

Number of Countries: 018 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9305597	A1	19930318	WO 92US7140	A	19920825	199312	B
EP 601082	A1	19940615	EP 92919105	A	19920825	199423	
			WO 92US7140	A	19920825		
JP 6510174	W	19941110	WO 92US7140	A	19920825	199504	
			JP 93505239	A	19920825		
US 5400394	A	19950321	US 91752825	A	19910830	199517	
			US 94265697	A	19940623		
EP 601082	A4	19960515	EP 92919105	A	19920000	199643	
CA 2116584	C	19990119	CA 2116584	A	19920825	199914	
Priority Applications (No Type Date): US 91752825 A 19910830; US 94265697 A 19940623							

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
 WO 9305597 A1 E 33 H04J-015/00

Designated States (National): CA JP

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LU MC NL SE

EP 601082 A1 E 33 H04J-015/00 Based on patent WO 9305597  
 Designated States (Regional): DE FR GB IT  
 JP 6510174 W 1 H04B-003/23 Based on patent WO 9305597  
 US 5400394 A 19 H04J-015/00 Cont of application US 91752825  
 EP 601082 A4 H04J-015/00  
 CA 2116584 C H04B-003/21

...Abstract (Basic): ADVANTAGE - A **software** efficient canceller which minimises computational needs...

...Abstract (Equivalent): The **software** echo canceller uses adaptive digital filtering techniques. The voice messaging system includes analog telephone line...

...The control **identifies** a **plurality** of frames meeting a power criterion and passes the frames to the adaptive filter, which adapts on taps in frame segments during all available DSP real time, using a 'cycle steal' approach for testing whether additional DSP processor cycles are available to use for echo cancellation. A masked white noise burst may be used to initialize adaptation. A windowing function **identifies** the best taps of an adapted frame, and corresponding coefficients are copied or loaded into...

9/3,K/19 (Item 8 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
 (c) 2001 Derwent Info Ltd. All rts. reserv.

008726325 \*\*Image available\*\*  
 WPI Acc No: 1991-230342/199131  
 XRPX Acc No: N91-175621

**Distributed security auditing subsystem - using audit trail of accesses to objects it protects and maintains protecting audit trail from modification or unauthorised access**

Patent Assignee: IBM CORP (IBM)  
 Inventor: HECHT M S; JOHRI A; STEVES D H; WEI T T  
 Number of Countries: 001 Number of Patents: 001  
 Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5032979	A	19910716	US 90542688	A	19900622	199131 B

Priority Applications (No Type Date): US 90542688 A 19900622

...Abstract (Basic): The distributed auditing subsystem runs in a UNIX-like operating system environment with a **hierarchical** file system. An audit trail of accesses is provided to the objects it protects and maintains and protects that audit trail from modification of **unauthorised** access or destruction. The audit data generated is protected so that read access to it...

...relevant to the maintenance of the security of the system, such as the use of **identification** and authentication mechanisms, the introduction of objects into a user's address space, the deletion...

...the user, the type of event, and the success or failure of the event. An **online** compression of the audit trail log file is performed using a UNIX-type daemon process...

9/3,K/20 (Item 9 from file: 350)  
 DIALOG(R) File 350:Derwent WPIX  
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007956710 \*\*Image available\*\*  
 WPI Acc No: 1989-221822/198931  
 XRPX Acc No: N89-169265

**Distributed auditing subsystem for unix-like operating system - generates, manipulates and data compresses audit information concerning actions affecting security of system**

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); IBM CORP (IBMC )  
Inventor: HECHT M; JOHRI ; STEVENS D H; WEI T T; HECHT M ; HECHT M S  
Number of Countries: 003 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 325777	A	19890802	EP 88121479	A	19881222	198931 B
EP 325777	B1	19940504	EP 88121479	A	19881222	199418
DE 3889444	G	19940609	DE 3889444	A	19881222	199424
			EP 88121479	A	19881222	

Priority Applications (No Type Date): US 88149342 A 19880128

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 325777	A	E	34		
Designated States (Regional): DE FR GB					
EP 325777	B1	E	38	G06F-011/30	
Designated States (Regional): DE FR GB					
DE 3889444	G			G06F-011/30	Based on patent EP 325777

...Abstract (Basic): the subsystem runs in a UNIX-like operating system environment with a **hierarchical** file system. The subsystem provides an audit trail of accesses to the objects it protects and maintains and protects that audit trail from modification or **unauthorised** access or destruction. The audit data generated by the subsystem is protected so that read...

...relevant to the maintenance of the security of the system, such as the use of **identification** and authentication mechanisms, the introduction of objects into a user's address space, the deletion...

...The subsystem performs an **on -line** compression of the audit trail log file using a UNIX-type daemon process. The audit...

...Abstract (Equivalent): a client processing system at a client node (A), a distributed auditing subsystem for performing **on -line** auditing of events in said client processing system and performing **on -line** compression of an audit trail of said events in said server processing system, comprising: an...

9/3,K/21 (Item 10 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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007674773 \*\*Image available\*\*

WPI Acc No: 1988-308705/198844

XRPX Acc No: N88-234318

**Network communications adaptor with partitioned common buffer memory - has node control logic allocating available bandwidth and connecting alternate memory banks cyclically to common bus**

Patent Assignee: NETWORK SYSTEMS CORP (NETW-N); NETWORK SYST CORP (NETW-N)

Inventor: HUGHES J P; HUMPHREY D J; PETERSON W A; ROIGER W R

Number of Countries: 007 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 288636	A	19881102	EP 87308161	A	19870916	198844 B
US 4933846	A	19900612	US 8741985	A	19870424	199031
CA 1289673	C	19910924				199144
EP 288636	B1	19940216	EP 87308161	A	19870916	199407
DE 3789104	G	19940324	DE 3789104	A	19870916	199413
			EP 87308161	A	19870916	

Priority Applications (No Type Date): US 8741985 A 19870424

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 288636	A	E	55		
Designated States (Regional): DE FR GB IT NL					
EP 288636	B1	E	55	G06F-015/16	

Designated States (Regional): DE FR GB IT NL  
DE 3789104 G C-015/16 Based on patent EP 200636

...Abstract (Equivalent): 1) for carrying data representing signals read out from said memory means (100); (d) a **plurality** of processing means (110, 112, 114, 116, 118) individually coupled to said first and second command buses (102, 104) and read data buses (106, 108), selected ones of said **plurality** of processing means having input-output means (120, 124, 126, 128) for communication with digital...

...associated with each of said first and second banks, said storage protection logic (204, 206) **comparing** said address representing signals originating from one of said **plurality** of processing means (110, 112, 114, 116, 118), and present on said first and second...

...bus means (102, 104) to a predetermined key I. assigned to said one of said **plurality** of processing means (110, 112, 114, 116, 118) for generating a fault interrupt signal when access to an **unauthorised** range of said control memory addresses for said one of said **plurality** of processor means (110, 112, 114, 116, 118) is attempted...

...Abstract (Equivalent): of the interconnected processors is designated as the node controller and it includes circuitry and **software** for implementing inter processor interrupt handling and storage protection functions...

9/3,K/22 (Item 11 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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003751143

WPI Acc No: 1983-747349/198334

XRPX Acc No: N83-150805

**Interactive modular simulator for system dynamics - utilises basic hardware processor modules insertable onto electronic planning board forming flow chart of which one end contains display**

Patent Assignee: JENSEN K (JENS-I)

Inventor: JENSEN K

Number of Countries: 017 Number of Patents: 015

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 8302837	A	19830818				198334 B
AU 8312227	A	19830825				198346
SE 8305451	A	19831205				198351
NO 8303561	A	19831114				198401
DE 3332130	T	19840112	DE 3332130	A	19830202	198404
NL 8320035	A	19840102				198406
EP 100341	A	19840215	EP 83900625	A	19830202	198408
GB 2125196	A	19840229	GB 8326076	A	19830202	198409
JP 59500149	W	19840126	JP 83500713	A	19830202	198410
DK 8304577	A	19840319				198418
FI 8303601	A	19840531				198428
US 4464120	A	19840807	US 82346240	A	19820205	198434
GB 2125196	B	19851120				198547
CA 1205913	A	19860610				198628
EP 100341	B	19860730				198631

Priority Applications (No Type Date): US 82346240 A 19820205

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 8302837 A F 71

Designated States (National): AT AU BE CH DE DK FI FR GB HU JP LU NL NO SE

Designated States (Regional): BE FR

EP 100341 A F

Designated States (Regional): BE FR

EP 100341 B E



Designated States (Regional): BE FR

...Abstract (Basic): units for e.g. displaying the result of a simulation.  
This avoids the use of **software** .

/

...Abstract (Equivalent): or signal processing of dynamic systems, said modular simulator and signal processing system comprising a **plurality** of basic electronic hardware processor modules (10) including at least one module producing information signals...

...input values applied thereto, at least a logic switch module producing logic expressions of true and **false** , at least a correlator module simulating the **weighted** sum of a sampled input, at least a diffusion module simulating flow through a boundary...

...Abstract (Equivalent): ADVANTAGE - Avoids **software** and achieves easy interaction with user. (37pp)p

File 348:European Patent 1978-2001/Jul W03

(c) 2001 European Patent Office

File 349:PCT Fulltext 1983-2001/UB=20010712, UT=20010705

(c) 2001 WIPO/MicroPat

Set	Items	Description
S1	152400	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	428905	HIERARCH? OR PLURAL?
S3	69125	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	1528218	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (-CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	127991	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENCE) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR NETWORK?))
S6	70426	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	6495	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANS-MI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURON-ET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEURO-COMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	79	(S1 OR S2) (10N) (S3(5N)S4)
S9	32	(S1 OR S2) (5N) (S3(3N)S4)
S10	9	S9 (S) (S5 OR S6 OR S7)
S11	6	S8(20N) (S5 OR S6 OR S7)
S12	37	((S1 OR S2) (5N)S4) (S) ((S5 OR S6 OR S7) (10N)S3)
S13	21	((S1 OR S2) (3N)S4) (S) ((S5 OR S6 OR S7) (5N)S3)
S14	5	(S1 OR S2) (20N) ((S3(3N)S4) (5N) (S5 OR S6 OR S7))
S15	14	(S1 OR S2) (S) ((S3(3N)S4) (3N) (S5 OR S6 OR S7))

15/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:European Patents  
(c) 2001 European Patent Office. All rts. reserv.

00741338

Connectionless communications system, test method, and intra-station control system

Verbindungsloses Kommunikationssystem, Testmethode und Intra-Station-Steuerungssystem

Système de communication sans connection, methode de test et système de gestion intra-station

PATENT ASSIGNEE:

FUJITSU LIMITED, (211460), 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa 211, (JP), (applicant designated states: DE;FR;GB)

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Sekine, Shigeru, Fujitsu Limited, 1015, Kamikodanaka, Nakahara-ku, Kawasaki-shi, Kanagawa, 211, (JP)  
Karakawa, Yoshiyuki, Fujitsu Kyushu Communication, Systems Ltd., Yasudaseimeihakata Bldg., 1-4-4,, Hakataekimae, Hakata-ku, Fukuoka, 812, (JP)  
Kagawa, Atsushi, c/o Fujitsu Communication, Systems Ltd., 3-9-18, Shinyokohama, Kouhoku-ku, Yokohama-shi, Kanagawa, 222, (JP)  
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LEGAL REPRESENTATIVE:

Ritter und Edler von Fischern, Bernhard, Dipl.-Ing. et al (9672), Hoffmann, Eitle & Partner, Patentanwälte, Arabellastrasse 4, D-81925 München, (DE)

PATENT (CC, No, Kind, Date): EP 700229 A2 960306 (Basic)  
EP 700229 A3 990203

APPLICATION (CC, No, Date): EP 95113111 950821;

PRIORITY (CC, No, Date): JP 94255120 940822

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04Q-011/04

ABSTRACT WORD COUNT: 170

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB96	8491
SPEC A	(English)	EPAB96	164543
Total word count - document A			173034
Total word count - document B			0
Total word count - documents A + B			173034

...SPECIFICATION to Figure 35.

Practically, the following processes are performed.

- A. At a receiving equipment
  - a. **Illegality monitoring** and error counting for PCM line code (B3ZS code)
  - b. Synchronization establishing and error counting...the data from the SBMESH connected to the downstream of the corresponding SBMESH in a **plurality** of SBMESHs daisy-chained to the output of the ASSW. The above described DMX fetches...virtual channel (PVC) through the ASSW. Since each of the SMLP and RMLP accommodates a **plurality** of SNIs, the above described transfer destination is identified by a VCI. As shown in...

...the ASSW. However, since each RMLP (receiving SBMH and GWMH) receives a message from a **plurality** of SMLPs (sending SBMH and GWMH), the message is identified by a VCI specifying each...

...PVC through the ASSW. However, since the SMIP or RMIP of each GWMH accommodates a **plurality** of ISSIs or ICIs, it is individually identified depending on the VCI specifying each PVC...

15/3,K/2 (Item 1 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00814140

**A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK  
PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
(Residence), US (Nationality)

Inventor(s):

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Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box  
52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200146846 A2 20010628 (WO 0146846)  
Application: WO 2000US35429 20001222 (PCT/WO US0035429)  
Priority Application: US 99470030 19991222; US 99470041 19991222; US  
99470044 19991222

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 105681

Fulltext Availability:

## Detailed Description

### Detailed Description

... in a virtual trade financial environment. In operation 1302, a form is submitted to a **plurality** of buyers providing details on products or services available from a **plurality** of sellers. This is to prompt the submission of bids on the products or services...order proforma, invoice. As an option, the form may include a first section indicating a **plurality** of terms, a second section indicating requirements of the buyers with respect to the terms...financial transaction-related document. In operation 2802, a buyer is allowed to select among a **plurality** of documents associated with a proposed transaction. In operation 2804, the buyer is permitted to...during the transaction.

In another embodiment, the form may include a first section indicating a **plurality** of shipping terms, a second section indicating requirements of the buyers with respect to the...original plain text Interoperability with other eCommerce Operating Models Participation in a world-wide certification **hierarchy** Cross certification with other certification authorities a Security deployment on the Internet Exchange of third... those found in Figure 62. Referring to Figure 61, TradeDirect 6100 is connected to a **plurality** of eMarkets 6102, and may be connected to a payments network 6104, credit rating agency...for affording credit rating and reporting utilizing a network. In operation 6302, transactions between a **plurality** of buyers and sellers are facilitated by offering a **plurality** of services. Such services may include allowing the buyers and the sellers to negotiate terms...

15/3,K/3 (Item 2 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00777046

### A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR E-COMMERCE BASED PERFORMANCE MODELING

### SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR LA MODELISATION DE PERFORMANCES BASEE SUR LE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

AC PROPERTIES BV, Parkstraat 83, NL-2514 JG 'S-Gravenhage, NL, NL  
(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US  
(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

HICKMAN Paul L, Hickman Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200110082 A2 20010208 (WO 0110082)  
Application: WO 2000US20548 20000728 (PCT/WO US0020548)  
Priority Application: US 99364732 19990730

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 133448

Fulltext Availability:  
Detailed Description

Detailed Description

... of the system and management data generated by the system. Data can be manipulated for various forms of output.

By integrating the operational architecture it is possible to reduce the number...with other Functions  
Anticipated Volume of Data & Transaction Throughput Number of Users for the Tool Level of Support Required INSTALLATION Oracle Database  
Installation Overview Assumptions This portion of the present description ...the application, and may need to be analyzed against specific client needs.

Name Qty Hardware Software  
233

Name Qty Hardware Software

Application NA Browser Microsoft Internet Explorer v4.01 User Dependent  
...

15/3,K/4 (Item 3 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00777022

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED ARCHITECTURE**

**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION POUR UNE ARCHITECTURE BASEE SUR LE COMMERCE ELECTRONIQUE**

Patent Applicant/Assignee:

AC PROPERTIES BV, Parkstraat 83, NL-2514 JG 'S Gravenhage, NL, NL  
(Residence), NL (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

UNDERWOOD Roy A, 4436 Hearthmoor Court, Long Grove, IL 60047, US, US  
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Legal Representative:

HICKMAN Paul L (et al) (agent), Hickman Coleman & Hughes, LLP, P.O. Box 52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109794 A2-A3 20010208 (WO 0109794)

Application: WO 2000US20704 20000728 (PCT/WO US0020704)

Priority Application: US 99364734 19990730

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 133646

Fulltext Availability:

Detailed Description

Detailed Description

... following table provides a list of the user accounts, roles and schemas used during ReTA Phase 1 development.

Account Name Description

RETA-ARCH Architecture Schema. This account contains various architecture related...Resume Next

ChkMemUserGUID = ChkUserObject.Get("GUID") if Err.Nurnber < > 0 the  
IsError = True else IsError = False end if if checkPassword = I then  
REM Create Event Handler that may be used in this function and function  
...

15/3,K/5 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00777021

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR AN E-COMMERCE BASED USER  
FRAMEWORK DESIGN FOR MAINTAINING USER PREFERENCES, ROLES AND DETAILS  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE UTILISES EN COMMERCE ELECTRONIQUE  
POUR LA CONCEPTION DE STRUCTURES D'UTILISATEURS DESTINEES A PRESERVER  
LES PREFERENCES, ROLES ET DETAILS DES UTILISATEURS

Patent Applicant/Assignee:

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NL (Residence), NL (Nationality), (For all designated states except:  
US)

Patent Applicant/Inventor:

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(Residence), US (Nationality), (Designated only for: US)

Legal Representative:

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CA, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200109792 A2 20010208 (WO 0109792)

Application: WO 2000US20549 20000728 (PCT/WO US0020549)

Priority Application: US 99364091 19990730

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US  
UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

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Fulltext Word Count: 133373

15/3,K/6 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00777016

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR MAINTAINING DATA IN AN  
E-COMMERCE BASED TECHNICAL ARCHITECTURE  
SYSTEME, PROCEDE ET ARTICLE MANUFACTURE DE MAINTIEN DES DONNEES DANS UNE  
ARCHITECTURE TECHNIQUE DE COMMERCE ELECTRONIQUE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200109751 A2 20010208 (WO 0109751)

Application: WO 2000US20546 20000728 (PCT/WO US0020546)

Priority Application: US 99364535 19990730

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK  
DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT UA UG US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 134426

Fulltext Availability:

Detailed Description

Detailed Description

... activity (held by the session's "activity context" object). If found, returns true, else returns **false** .

Add the requested activity (references held by the session's "activity context" object). Set the...running Windows NT Server 4.0 Enterprise Edition.

Install/Configure Web and Application Server Components **Step Step**  
Description Notes

I Install Windows NT Server v 4.0 Enterprise Edition. It may be...

15/3,K/7 (Item 6 from file: 349)

DIALOG(R)File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00777011

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A CODES TABLE FRAMEWORK DESIGN IN AN E-COMMERCE ARCHITECTURE**

**SYSTEME, PROCEDE ET ARTICLE FABRIQUE POUR LA CONCEPTION D'UNE STRUCTURE DE TABLES DE CODES DANS UNE ARCHITECTURE DE COMMERCE ELECTRONIQUE**

Patent Applicant/Assignee:

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US)

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200109716 A2 20010208 (WO 0109716)

Application: WO 2000US20705 20000728 (PCT/WO US0020705)

Priority Application: US 99364491 19990730

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US

UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 133230

Fulltext Availability:

Detailed Description

Detailed Description

... of the system and management data generated by the system. Data can be manipulated for **various** forms of output.

By integrating the operational architecture it is possible to reduce the number...Resume Next

ChkMemUserGUID = ChkUserObject.Get("GUID") if Err.Number < > 0 the



IsError = True else Error = False end if if checkPassword = 1 then  
REM Create Event Handler that may be used in this function function Set  
...

15/3,K/8 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00683675 \*\*Image available\*\*

**METHOD AND APPARATUS FOR PROVIDING CONNECTIONS OVER A NETWORK**  
**PROCEDE ET APPAREIL PERMETTANT D'EFFECTUER DES CONNEXIONS SUR UN RESEAU**  
Patent Applicant/Assignee:

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Campbell, CA 95008 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 996692 A1 19991223

Application: WO 98US13255 19980620 (PCT/WO US9813255)

Priority Application: US 98100619 19980619

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM GW HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD

MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ

VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH

CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML

MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 43462

Fulltext Availability:

Detailed Description

Detailed Description

... diagram of a multi-dial procedure of the client dispatch application;

Figure 8 illustrates a **plurality** of MOT (a computer script language)

potential processes; Figure 9 is a block diagram of...

...showing of how the present invention may be used in combination with  
browser plug in **software** to minimize **unauthorized viewing** of email  
messages; Figure I I provides more detail for illustrating the process of  
Figure...

15/3,K/9 (Item 8 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00638665 \*\*Image available\*\*

**EQUIPMENT TRACKING SYSTEM**  
**SYSTEME DE SUIVI D'EQUIPEMENTS**  
Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9921610 A1 19990506

Application: WO 98US21957 19981016 (PCT/WO US9821957)

Priority Application: US 97960492 19971029

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG

MK MN MW MX NO NZ PT RO RU SD SE SG SI SK SL TJ TM TT UA UG US UZ  
VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 4176

Fulltext Availability:

Detailed Description

Detailed Description

... computer system connected to the Internet.

Data stored in this system is protected by a multi level firewall" server system 6 through which all Internet transmissions are monitored . Attempts at unauthorized access to the database are detected and prevented by the firewall.

Additional security is provided...

15/3,K/10 (Item 9 from file: 349)

DIALOG(R)File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00592217

**A COMMUNICATION SYSTEM ARCHITECTURE**

**ARCHITECTURE D'UN SYSTEME DE COMMUNICATION**

Patent Applicant/Assignee:

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STELLE Rick

SCHRAGE Bruce

BAXTER Craig A

ATKINSON Wesley

KNOSTMAN Chuck

CHEN Bing

VANDERSLUIS Kristan

Inventor(s):

JUN Fang, JUN, Fang , ,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9834391 A2 19980806

Application: WO 98US1868 19980203 (PCT/WO US9801868)

Priority Application: US 97794555 19970203; US 97794114 19970203; US

97794689 19970203; US 97807130 19970210; US 97798208 19970210; US

97795270 19970210; US 97797964 19970210; US 97800243 19970210; US

97798350 19970210; US 97797445 19970210; US 97797360 19970210

Designated States: AU CA GM GW ID JP MX AT BE CH DE DK ES FI FR GB GR IE IT

LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 175822

Fulltext Availability:

Detailed Description

Detailed Description

... Specialized billing services are additionally provided for value added services like the 800 Collect calls.

**Fraud Monitoring** component is a key component of the MCI Intelligent Network providing services for preventing loss...through automated processes are provided by manual overrides.

Referring now back to Figure 7 in step 704, the various topology data are parsed to extract the data fields that are needed by SNMS algorithms  
...

15/3,K/11 (Item 10 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00564762 \*\*Image available\*\*

**SYSTEMS AND METHODS FOR SECURE TRANSACTION MANAGEMENT AND ELECTRONIC RIGHTS PROTECTION**

**SYSTEMES ET PROCEDES DE GESTION DE TRANSACTIONS SECURISEES ET DE PROTECTION DE DROITS ELECTRONIQUES**

Patent Applicant/Assignee:

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VAN WIE David M, VAN WIE, David, M. , 1250 Lakeside Drive, Sunnyvale, CA 94086 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9809209 A1 19980305

Application: WO 97US15243 19970829 (PCT/WO US9715243)

Priority Application: US 96706206 19960830

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI

FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 190955

Fulltext Availability:

Detailed Description

Detailed Description

... memory pages may start at a specific page number.

The size of the block is measured by the number of memory pages it spans. Memory allocation may be recorded by setting...

15/3,K/12 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00542109 \*\*Image available\*\*

**APPARATUS AND METHOD FOR MANAGING AND DISTRIBUTING DESIGN AND MANUFACTURING INFORMATION THROUGHOUT A SHEET METAL PRODUCTION FACILITY**

**APPAREIL ET METHODE CORRESPONDANTE PERMETTANT DE GERER ET DE REPARTIR UNE INFORMATION RELATIVE A LA CONCEPTION ET A LA FABRICATION DANS UNE INSTALLATION DE PRODUCTION DE TOLES**

Patent Applicant/Assignee:

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SCHWALB Moshe Edward, SCHWALB, Moshe, Edward, 26 Valley View, Irvine, CA  
92715, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9742607 A2 19971113

Application: WO 97US7473 19970506 (PCT/WO US9707473)

Priority Application: US 9616958 19960506; US 96700671 19960731

Designated States: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 148636

Fulltext Availability:

Detailed Description

Detailed Description

... shown, for example, in Fig. 2. As indicated above, a more detailed description of the **various** processes and operations that may be performed for the various drawings when developing the bend...in the facility. The mouse may also be implemented by any commercially available mouse support **software**, such as Windows 95 or Windows NT, and any commercially available mouse device that is...

15/3,K/13 (Item 12 from file: 349)

DIALOG(R) File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00542093 \*\*Image available\*\*

**APPARATUS AND METHOD FOR MANAGING AND DISTRIBUTING DESIGN AND MANUFACTURING  
INFORMATION THROUGHOUT A SHEET METAL PRODUCTION FACILITY**

**APPAREIL ET METHODE CORRESPONDANTE PERMETTANT DE GERER ET DE REPARTIR UNE  
INFORMATION RELATIVE A LA CONCEPTION ET A LA FABRICATION DANS UNE  
INSTALLATION DE PRODUCTION DE TOLES**

Patent Applicant/Assignee:

AMADA METRECS CO LTD, AMADA METRECS CO., LTD. , 806, Takamori,  
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AMADASOFT AMERICA INC, AMADASOFT AMERICA, INC. , 14921 Northan Street, La  
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Inventor(s):

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92687 , US

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SAKAI Satoshi, SAKAI, Satoshi , 9 Avignon, Newport Coast, CA 92657 , US

SUBBARAMAN Anand Hariharan, SUBBARAMAN, Anand, Hariharan , 1101 West  
Stevens Avenue &225, Santa Ana, CA 92707 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9742586 A1 19971113

Application: WO 97US7471 19970506 (PCT/WO US9707471)

Priority Application: US 9616958 19960506; US 96690671 19960731

Designated States: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 147696

Fulltext Availability:

Detailed Description

Detailed Description

... facility.

The processes and operations of the 3-D navigation system may be implemented through **software** or programmed logic and by using any one of a wide variety of programming languages...from the previous cursor position to the current cursor position.

If it is determined at **step** S.321 that there is not an object at the camera (e.g., that the...sequence window display and a bend simulation window display may be provided to indicate the **various** bending **stages** of the part and to simulate the part orientation during bending operations. A bend sequence...may be made without departing from the scope and spirit of the invention and its **various aspects** . Although the invention has been described herein with reference to particular means, materials and embodiments...

15/3,K/14 (Item 13 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00252179

**STEREOLITHOGRAPHIC BEAM PROFILING**

**PROFILAGE DE FAISCEAU STEREOLITHOGRAPHIQUE**

Patent Applicant/Assignee:

3D SYSTEMS INC

Inventor(s):

SPENCE Stuart Thomas

TARNOFF Harry

ALMQUIST Thomas

Patent and Priority Information (Country, Number, Date):

Patent: WO 8911085 A1 19891116

Application: WO 89US1559 19890417 (PCT/WO US8901559)

Priority Application: US 88182830 19880418; US 88268816 19881108; US 88268837 19881108; US 88268907 19881108; US 88269801 19881108

Designated States: JP KR

Publication Language: English

Fulltext Word Count: 243557

File 348:European Patent 978-2001/Jul W03  
(c) 2001 European Patent Office  
File 349:PCT Fulltext 1983-2001/UB=20010712, UT=20010705  
(c) 2001 WIPO/MicroPat

Set	Items	Description
S1	152921	(MULTI? OR NUMEROUS? OR MANY OR MANIFOLD OR MYRIAD OR SEVE- RAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LA- YER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPEC- T? OR CHAIN OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	69125	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWF- UL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWIND- LE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S3	1527521	COMPAR? OR CHECK? OR LIKEN? OR ANALOGI? OR ANALOGY? OR PAR- ALLEL OR MATCH? OR EXAMIN? OR VIEW? OR WEIGH? OR MEASURE? OR - CONTRAST? OR VERIF? OR CONFIRM? OR (CROSS() (CHECK? OR REFEREN- C?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW?
S4	9	S1(3N) (S2(2N) S3)
S5	544	(S1(2N) S3) (S) (ORDER? OR PAY? OR AUTHORIZ? OR AUTHORIS? OR - CREDIT? OR TRANSACT?)
S6	291	(S2(2N) S3) (10N) (ORDER? OR PAY? OR AUTHORIZ? OR AUTHORIS? OR CREDIT? OR TRANSACT?)
S7	4	S6(10N) S1
S8	113	(S2(1N) S3) (5N) (ORDER? OR PURCHAS? OR AUTHORIZ? OR AUTHORIS? OR CREDIT? OR TRANSACT?)
S9	79	(S2(1N) S3) (5N) (ORDER? OR PURCHAS? OR AUTHORIZ? OR AUTHORIS- ?)
S10	3	S1(10N) S9
S11	399	(S1(5N) S3) (20N) (ORDER? OR PURCHAS? OR AUTHORIZ? OR AUTHORI- S?)
S12	21	S11(S) S2

12/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:European Patents  
(c) 2001 European Patent Office. All rts. reserv.

00996912

Optical drive system having servomotor operated relative to maximum quad  
sum signal

Optisches Plattenlaufwerkssystem mit Servomotor unter Verwendung eines Quad  
Sum-Signals

Système de disque optique avec un servomoteur utilisant un signal "quad  
sum"

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 901119 A2 990310 (Basic)

APPLICATION (CC, No, Date): EP 98203723 960118;

PRIORITY (CC, No, Date): US 376882 950125

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; IE; IT; LI; NL; PT; SE

RELATED PARENT NUMBER(S) - PN (AN):

EP 726564 (EP 963003504)

INTERNATIONAL PATENT CLASS: G11B-007/09; G11B-011/10;

ABSTRACT WORD COUNT: 297

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
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CLAIMS A	(English)	9910	839
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SPEC A	(English)	9910	87937
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Total word count - document A	88776
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Total word count - document B	0
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Total word count - documents A + B	88776
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...SPECIFICATION not shown) attached to an intermediate rib 1-145.

The base plate 1-46 has **various** axes and mounting pins associated therewith. For example, a tiller pivot axis 1-148 is...predictable, the threshold for the read circuitry can be increased during the overshoot to prevent **false** data reads during positive peaks 7-339, 7-340, 7-341, and 7-342, and...Off-Track Errors for (TBD)(mu)s after the Tracking Loop is closed to prevent **false** Off-Track Errors during the settling time. A Cartridge Eject Failed Error is reported by...

12/3,K/2 (Item 2 from file: 348)  
DIALOG(R) File 348:European Patents  
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00792865

METHOD AND SYSTEM FOR ACCESSING DATA

VERFAHREN UND SYSTEM UM AUF DATEN ZUZUGREIFEN

PROCEDE ET SYSTEME D'ACCES A DES DONNEES

PATENT ASSIGNEE:

Thorsen, Hans Verner, (2183960), Korfsaravagen 18, 181 40 Lidings, (SE),  
(Proprietor designated states: all)

INVENTOR:

Thorsen, Hans Verner, Korfsaravagen 18, 181 40 Lidingo, (SE)

LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 807290 A1 971119 (Basic)  
EP 807290 B1 000503  
WO 9623267 960801

APPLICATION (CC, No, Date): EP 95936839 951106; WO 95SE1315 951106

PRIORITY (CC, No, Date): SE 95277 950126

DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; IE; IT; LI; NL; SE

INTERNATIONAL PATENT CLASS: G06F-017/30

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	200018	2982
CLAIMS B	(German)	200018	2591
CLAIMS B	(French)	200018	3396
SPEC B	(English)	200018	7799
Total word count - document A			0
Total word count - document B			16768
Total word count - documents A + B			16768

...SPECIFICATION that the TCP/IP address to this node may be obtained.

4. Access Control

In **order** to prevent **unauthorized** access to data, access rights are **checked** on **several** **levels** in different embodiments. For example, the address of the user application or client is first...

...may communicate with an access node or with a subnode acting as a session server. **Unauthorized** intruders may thereby be detected on the basis of their communication rate. For example, external...

12/3,K/3 (Item 3 from file: 348)

DIALOG(R)File 348:European Patents

(c) 2001 European Patent Office. All rts. reserv.

00401210

Interprocessor communication

Übertragung zwischen Prozessoren

Communication entre processeurs

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road,  
Armonk, N.Y. 10504, (US), (applicant designated states:

AT;BE;CH;DE;DK;ES;FR;GB;GR;IT;LI;LU;NL;SE)

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LEGAL REPRESENTATIVE:

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PATENT (CC, No, Kind, Date): EP 398697 A2 901122 (Basic)  
EP 398697 A3 940202  
EP 398697 B1 980902

APPLICATION (CC, No, Date): EP 90305312 900516;

PRIORITY (CC, No, Date): US 353115 890517



DESIGNATED STATES: AT; B CH; DE; DK; ES; FR; GB; GR; IT I; LU; NL; SE  
INTERNATIONAL PATENT CLASS: G06F-015/16;  
ABSTRACT WORD COUNT: 219

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9836	397
CLAIMS B	(German)	9836	352
CLAIMS B	(French)	9836	454
SPEC B	(English)	9836	71173
Total word count - document A			0
Total word count - document B			72376
Total word count - documents A + B			72376

12/3,K/4 (Item 4 from file: 348)  
DIALOG(R)File 348:European Patents  
(c) 2001 European Patent Office. All rts. reserv.

00311046

Method of verifying computer software.

Verfahren zur Überprüfung von Computersoftware.

Methode pour verifier un logiciel d'ordinateur.

PATENT ASSIGNEE:

WESTINGHOUSE ELECTRIC CORPORATION, (209190), Westinghouse Building  
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designated states: BE;CH;DE;ES;FR;GB;IT;LI;SE)

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Wolf, Daniel Joseph, 1515 Lucille Drive, Pittsburgh, PA 15234, (US)

LEGAL REPRESENTATIVE:

van Berlyn, Ronald Gilbert (37011), 23, Centre Heights, London NW3 6JG,  
(GB)

PATENT (CC, No, Kind, Date): EP 286361 A2 881012 (Basic)  
EP 286361 A3 890510  
EP 286361 B1 930915

APPLICATION (CC, No, Date): EP 88303029 880405;

PRIORITY (CC, No, Date): US 35802 870408

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ABSTRACT WORD COUNT: 147

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CLAIMS B	(English)	EPBBF1	726
CLAIMS B	(German)	EPBBF1	637
CLAIMS B	(French)	EPBBF1	858
SPEC B	(English)	EPBBF1	6996
Total word count - document A			0
Total word count - document B			9217
Total word count - documents A + B			9217

...SPECIFICATION identifies the "BLOCKS" nesting level. The "nesting level of a "BLOCK" of code is a **measure** of how **many** control statements must be executed in **order** to reach that "BLOCK" of code. The PCG deletes all of the text between the...

...highlight the areas of code that must be tested for verification. Figure 8 illustrates the **pseudocode** generated by PCG for the unit shown in Figures 7a and b.

The second function...

12/3,K/5 (Item 1 from file: 349)

DIALOG(R)File 349:PCT Fulltext  
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00814145

**A METHOD FOR EXECUTING A NETWORK-BASED CREDIT APPLICATION PROCESS  
PROCEDE DE MISE EN OEUVRE D'UN PROCESSUS DE DEMANDE DE CREDIT EN RESEAU**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200146889 A2 20010628 (WO 0146889)

Application: WO 2000US35216 20001222 (PCT/WO US0035216)

Priority Application: US 99470805 19991222; US 99469525 19991222; US  
99470039 19991222

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK DM DZ

EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT

UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 105909

Fulltext Availability:

Detailed Description

Detailed Description

... made to ensure that all necessary documentation has arrived, etc. At  
1010, the buyer can **check** the documents online. The buyer's bank pays  
for the goods over an interface with...provide them.

A VTrade system should provide the following security features:

Authentication - No one can **pretend** to be someone else Privacy - Only  
authorised people and systems can access information. This includes  
privacy both during transport on the network and against **unauthorised**  
insiders Non-repudiation - Users are prevented from denying that they  
authorised the transaction Transaction Integrity...

12/3,K/6 (Item 2 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00802534

**ANY-TO-ANY COMPONENT COMPUTING SYSTEM  
SYSTEME INFORMATIQUE A COMPOSANTS TOUTE CATEGORIE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200135216 A2 20010517 (WO 0135216)

Application: WO 2000US31231 20001113 (PCT/WO US0031231)

Priority Application: US 99164884 19991112

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 291515

Fulltext Availability:

Detailed Description

Detailed Description

... code records expressed in the data relation structure define a software module for performing a **multi step** operation: In other portions, data records containing numerical identifiers in a particular field, and one...an Understanding Computer should be enabled to detect what conditions are missing and take appropriate **steps** - such as issuing an appropriate user prompt to get the conditions completed so that execution...is sometimes said 'Concept X does not exist in country Y.' Such a statement is **false**. There is no way of looking inside people heads and knowing whether that concept exists...to determine if it contains '4451'. If it does contain 4451, return 'True' else return '**False** .' - Supposing that a value is entered - for example ' mountain' that can not move and therefore...

12/3,K/7 (Item 3 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00784140

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A GLOBALLY ADDRESSABLE INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT

SYSTEME, PROCEDE ET ARTICLE DE FABRICATION S'APPLIQUANT DANS UN ENVIRONNEMENT DE STRUCTURE DE SERVICES DE COMMUNICATIONS VIA UNE INTERFACE ADRESSABLE GLOBALEMENT

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116735 A2 20010308 (WO 0116735)

Application: WO 2000US24198 20000831 (PCT/WO US0024198)

Priority Application: US 99387214 19990831

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CU CZ DE DK

DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT

LU LV MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR

TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 148883

Fulltext Availability:  
Detailed Description

#### Detailed Description

... may require special performance tuning tools in the development architecture, as well as real-time **monitoring** tools in the operations architecture.

Also different technology generations may require special services in all ...

12/3,K/8 (Item 4 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00784137

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR DISTRIBUTED GARBAGE COLLECTION IN ENVIRONMENT SERVICES PATTERNS  
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION EN MATIERE DE RECUPERATION D'ESPACE REPARTI DANS DES MOTIFS DE SERVICES D'ENVIRONNEMENT

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116729 A2 20010308 (WO 0116729)

Application: WO 2000US24238 20000831 (PCT/WO US0024238)

Priority Application: US 99386435 19990831

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ

DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149423

Fulltext Availability:  
Detailed Description

#### Detailed Description

... Business Component Identifying Methodology including both Planning and Delivering stages; Figure 44 shows a high **level** picture of application component interaction for an **Order** Entry system; Figure 45 illustrates a traditional organization structure including an activities component, a credit...and all other intelligence. Examples include: Customer, Product, Order, Inventory, Pricing, Credit Check, Billing, and **Fraud** Analysis. One might think of a Business Component as a depiction or portrait of a ...in the business domain (e.g., customers, products, orders, inventory, pricing, credit check, billing, and **fraud** analysis). This is not the same as data modeling because Business Components encapsulate both information...the information that is associated with those processes.

Examples include: Pricing, Credit Check, Billing, and Fraud Analysis. A Pricing Business Component would encapsulate everything an organization needs to know about how...

...The Billing component requests services from several entity-centric Business Components, but it also triggers Fraud Analysis 3704, a process centric Business Component, if a specific business rule is satisfied. Note...

12/3,K/9 (Item 5 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00784124

SYSTEM, METHOD, AND ARTICLE OF MANUFACTURE FOR A REQUEST SORTER IN A TRANSACTION SERVICES PATTERNS ENVIRONMENT  
SYSTEME, PROCEDE ET ARTICLE DE FABRICATION APPLIQUES DANS UN TRIEUR DE REQUETES D'UN ENVIRONNEMENT DE STRUCTURES DE SERVICES DE TRANSACTIONS

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116704 A2 20010308 (WO 0116704)

Application: WO 2000US24082 20000831 (PCT/WO US0024082)

Priority Application: US 99386715 19990831

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149225

Fulltext Availability:

Detailed Description

Detailed Description

... and frameworks; Figure 43 illustrates this Business Component Identifying Methodology including both Planning and Delivering stages ; Figure 44 shows a high level picture of application component interaction for an Order Entry system; Figure 45 illustrates a traditional organization structure including an activities component, a credit...and all other intelligence. Examples include: Customer, Product, Order, Inventory, Pricing, Credit Check, Billing, and Fraud Analysis. One might think of a Business Component as a depiction or portrait of a...in the business domain (e.g., customers, products, orders, inventory, pricing, credit check, billing, and fraud analysis). This is not the same as data modeling because Business Components encapsulate both information...the information that is associated with those processes.

Examples include: Pricing, Credit Check, Billing, and Fraud Analysis. A Pricing Business Component would encapsulate everything an organization needs to know about how...

...The Billing component requests services from several entity-centric Business Components, but it also triggers Fraud Analysis 3704, a

process 260 centric Business Component, if a specific business rule is satisfied...

12/3,K/10 (Item 6 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00784119

A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A REFRESHABLE PROXY POOL IN  
A COMMUNICATION SERVICES PATTERNS ENVIRONMENT  
SYSTEME, PROCEDE ET ARTICLE POUR GROUPE D'ELEMENTS MANDATAIRES (PROXY)  
RAFFRAICHISSABLES DANS UN ENVIRONNEMENT A CONFIGURATIONS DE SERVICES DE  
COMMUNICATION

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200116668 A2 20010308 (WO 0116668)

Application: WO 2000US24113 20000831 (PCT/WO US0024113)

Priority Application: US 99386239 19990831

Designated States: AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE  
DK DM DZ EE ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL  
TJ TM TR TT TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 149080

Fulltext Availability:

Detailed Description

Detailed Description

... multi-media, etc.), data access services (databases and database API  
libraries), distribution services (distributed TP monitor ),  
transmission services (SNA, HLLAPI, etc.), data dictionary, desktop  
applications, and programming languages for call-out...in the business  
domain (e.g., customers, products, orders, inventory, pricing, credit  
check, billing, and fraud analysis). This is not the same as data  
modeling because Business Components encapsulate both information...the  
information that is associated with those processes.  
Examples include: Pricing, Credit Check, Billing, and Fraud Analysis. A  
Pricing Business Component would encapsulate everything an organization  
needs to know about how...

...The Billing component requests services from several entity-centric  
Business Components, but it also triggers Fraud Analysis 3704, a  
process centric Business Component, if a specific business rule is  
satisfied. Note...

12/3,K/11 (Item 7 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00769540 \*\*Image available\*\*

DOCUMENT VERIFICATION SYSTEM

**SYSTEME DE VERIFICATION DOCUMENTS**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200103077 A1 20010111 (WO 0103077)

Application: WO 2000IB908 20000705 (PCT/WO IB0000908)

Priority Application: ZA 994367 19990705

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DE DK DM DZ EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ

LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG

SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 5149

Fulltext Availability:

Detailed Description

Detailed Description

... of verification data which is printed on the document itself, enabling  
future verification thereof. In **order** to hinder **fraud**, sophisticated  
encryption techniques are used to generate and print the **verification**  
data.

The **various aspects** of the invention are described in greater detail  
below.

Figure 1 shows, in a simplified...

12/3,K/12 (Item 8 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00749056 \*\*Image available\*\*

**GATEWAY WITH VOICE**

**PASSERELLE VOCALE**

Patent Applicant/Assignee:

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Legal Representative:

GELFOUND Craig A, Christie, Parker & Hale, LLP, P.O. Box 7068, Pasadena, CA 91109-7068, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062501 A2 20001019 (WO 0062501)  
Application: WO 2000US10149 20000413 (PCT/WO US0010149)  
Priority Application: US 99129134 19990413; US 99136685 19990528; US 99154903 19990920; US 99156266 19990927; US 99157470 19991001; US 99160124 19991018; US 99161152 19991022; US 99162315 19991028; US 99163169 19991102; US 99163170 19991102; US 99163600 19991104; US 99164379 19991109; US 99164689 19991110; US 99164690 19991110; US 99166289 19991118; US 99454219 19991209; US 99171203 19991215; US 99171169 19991216; US 99171180 19991216; US 99171184 19991216; US 2000178258 20000125; US 2000493458 20000128; US 2000522185 20000309

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 76060

Fulltext Availability:

Detailed Description

Detailed Description

... amplifier and AJD converter. The digitized signal is demodulated with recovered clock and carrier timing. **Matched** filters and then adaptive filters remove **multi** -path propagation effects and narrowband co-channel interference. Soft decisions ...can be driven with "0 1 " for an invalid data reception and "10 " for a **false** carrier.

3 5 FIG. 9, shows controller portion of the Ethernet MAC. The MAC receiver...to-end encryption of RTP media streams and signaling messages, to reduce the threat of **unauthorized** interception of communications. The security logic 646 preferably provides additional security services



such as, for...tone may be fed back as an echo into the DTMF detector 1076. To prevent false detection, the DTMF detector 1076 can be disabled entirely (or disabled only for the digit...two sinusoidal signals whose frequencies are separated in bandwidth and which are uncorrelated to avoid false tone detection. A DTMF signal includes one of four tones, each having a frequency in...so as to estimate how long the tone will likely continue. If the detection was false (invalid), the voice packets are ultimately released, otherwise they are discarded. This will manifest itself as occasional jitter when DTMF is falsely pre-detected. It will be appreciated by one of skill in the art that tone ...to the on and armed state. The power state machine 1316 substantially reduces or eliminates false detections due to glitches, white noise or other signal anomalies.

Turning back to FIG. 41...

12/3,K/13 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00741470

**SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME  
POLYPEPTIDES SECRETES ET TRANSMEMBRANAIRES ET ACIDES NUCLEIQUES CODANT CES  
POLYPEPTIDES**

Patent Applicant/Assignee:

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(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)  
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, US (Nationality), (Designated only for: US pmbrk=pmyes)  
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(Nationality), (Designated only for: US pmbrk=pmyes)  
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WOOD William I, 35 Southdown Court, Hillsborough, CA 94010, US, US  
(Residence), US (Nationality), (Designated only for: US pmbrk=pmyes)

Legal Representative:

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94080-4990, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200053756 A2 20000914 (WO 0053756)

Application: WO 2000US4341 20000218 (PCT/WO US0004341)

Priority Application: WO 99US5028 19990308; US 99123957 19990312; US  
99126773 19990329; US 99130232 19990421; US 99131445 19990428; US  
99134287 19990514; US 99141037 19990623; US 99145698 19990726; US  
99162506 19991029; WO 99US28313 19991130; WO 99US28551 19991202; WO  
99US28565 19991202; WO 99US30095 19991216; WO 99US31243 19991230; WO  
99US31274 19991230; WO 2191US219191974 20000105; WO  
2777US27777771919197 20000106; WO 37US6 20000106

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK

DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR

LS LT LU LV MA MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ

TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 193959

Fulltext Availability:

Detailed Description

Detailed Description

... sarcoma-amplified protein SAS, designated herein as PR0296.

6. PR0329

Immunoglobulin molecules play roles in many important mammalian  
physiological processes. The structure of immunoglobulin molecules has  
been extensively studied and it...

12/3,K/14 (Item 10 from file: 349)

DIALOG(R) File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00711018 \*\*Image available\*\*

**DYNAMIC SELECTION OF MULTIPLE DISTRIBUTORS**

**SELECTION DYNAMIQUE DE MULTIPLES DISTRIBUTEURS**

Patent Applicant/Assignee:

HARDWARESTREETCOM INC, HARDWARESTREET.COM, INC. , Suite 305, 5190 Neil  
Road, Reno, NV 89502 , US

Inventor(s):

ALVIN Robert S, ALVIN, Robert, S. , 187 Redwood Drive, Boulder Creek, CA  
95006 , US

Patent and Priority Information (Country, Number, Date):

Patent: 0023929 A1 20000427 (WO 200023929)  
Application: 99US24453 19991019 (PCT/WO US9924453)  
Priority Application: US 98104829 19981019; US 99343547 19990630  
Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ  
TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 7337

Fulltext Availability:  
Claims

#### English Abstract

...to select among a plurality of distributors based on flexible rule-based algorithm. Furthermore, a multi-level fraud check processing system allows orders to be processed that would otherwise be discarded to generate a higher yield in sales.

#### Claim

... Level Fraud Detection

The Fraud Detection sub-system 310 of the present invention is a multi-level fraud checking system used to determine if an order is a valid order. As shown in Figure 1, when an order is passed from the Online Shopping System 20, the Order Processing System 30 receives the... fraud scores are analyzed and the threshold is dynamically modified to reduce the number of orders being rejected by the Order Processing system 30. By incorporating multi-level fraud checking system in the manner of the present invention, orders that would otherwise be lost can be recovered

12/3,K/15 (Item 11 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
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00711017 \*\*Image available\*\*

#### INTERNET BUSINESS TRANSACTION PROCESSOR PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET

Patent Applicant/Assignee:

HARDWARESTREETCOM INC, HARDWARESTREET.COM, INC., Suite 305, 5190 Neil Road, Reno, NV 89502, US

Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 0023928 A2 20000427 (WO 200023928)

Application: WO 99US24452 19991019 (PCT/WO US9924452)

Priority Application: US 98104830 19981019

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ  
TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 7729

Fulltext Availability:  
Claims

#### English Abstract

...to select among a plurality of distributors based on flexible

rule-based algorithm. Furthermore, a multi-level fraud check processing system allows orders to be processed that would otherwise be discarded to generate a higher yield in sales.

#### Claim

##### ... Level Fraud Detection

The Fraud Detection sub-system 310 of the present invention is a multi-level fraud checking system used to determine if an order is a valid order. As shown in Figure 1, when an order is passed from the Online Shopping System 20, the Order Processing System 30 receives the... fraud scores are analyzed and the threshold is dynamically modified to reduce the number of orders being rejected by the Order Processing system 30. By incorporating multi-level fraud checking system in the manner of the present invention, orders that would otherwise be lost can be recovered thereby increasing business transactions.

Distributor Selection

Once...

12/3,K/16 (Item 12 from file: 349)

DIALOG(R)File 349:PCT Fulltext

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00710999 \*\*Image available\*\*

#### MULTI-LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET BUSINESS TRANSACTION PROCESSOR

#### SYSTEME MULTI-NIVEAU DE LUTTE CONTRE LA FRAUDE A RETROACTION DYNAMIQUE POUR PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 0023909 A1 20000427 (WO 200023909)

Application: WO 99US24439 19991019 (PCT/WO US9924439)

Priority Application: US 98104831 19981019

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FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU

LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA

UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ

TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI

CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 7730

Fulltext Availability:

Claims

#### English Abstract

...to select among a plurality of distributors based on flexible rule-based algorithm. Furthermore, a multi-level fraud check processing system allows orders to be processed that would otherwise be discarded to generate a higher yield in sales.

#### Claim

##### ... Level Fraud Detection

The Fraud Detection sub-system 310 of the present invention is a multi-level fraud checking system used to determine if an order is a valid order. As shown in Figure 1, when an order is passed from the Online Shopping System 20, the Order Processing System 30 receives the... and gross fraud comparator may also be modified based on the results of the rejected orders to optimize order validations. By incorporating multi-level fraud checking system in the manner of the present invention, orders that would otherwise be lost can be recovered thereby

increasing business transactions.

Distributor Selection  
Once...

12/3,K/17 (Item 13 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
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00679850

**MEMBRANE-BOUND PROTEINS AND NUCLEIC ACIDS ENCODING THE SAME**  
**PROTEINES MEMBRANAIRES ET ACIDES NUCLEIQUES CODANT CES PROTEINES**

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(Residence), US (Nationality), (For all designated states except: US)

Patent Applicant/Inventor:

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Legal Representative:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9963088 A2-A3 19991209

Application: WO 99US12252 19990602 (PCT/WO US9912252)

Priority Application: US 9887607 19980602; US 9887609 19980602; US  
9887759 19980602; US 9887827 19980603; US 9888021 19980604; US 9888025  
19980604; US 9888028 19980604; US 9888029 19980604; US 9888030 19980604  
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19980609; US 9888722 19980610; US 9888730 19980610; US 9888734 19980610  
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9890355 19980623; US 9890349 19980623; US 9890429 19980624; US 9890431  
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; US 9891519 19980702; US 9891478 19980702; US 9891626 19980702; US  
9891628 19980702; US 9891633 19980702; US 9891646 19980702; US 9891673  
19980702; US 9891978 19980707; US 9891982 19980707; US 9892182 19980709  
; US 9892472 19980710; US 9893339 19980720; US 9894651 19980730; US

9895282 19980804; US 9895285 19980804; US 9895301 19980804; US 9895302 19980804; US 9895318 19980804; US 9895321 19980804; US 9895325 19980804; US 9895916 19980810; US 9895929 19980810; US 9896012 19980810; US 9896143 19980811; US 9896146 19980811; US 9896329 19980812; US 9896757 19980817; US 9896766 19980817; US 9896768 19980817; US 9896773 19980817; US 9896791 19980817; US 9896867 19980817; US 9896891 19980817; US 9896894 19980817; US 9896895 19980817; US 9896897 19980817; US 9896949 19980818; US 9896950 19980818; US 9896959 19980818; US 9896960 19980818; US 9897022 19980818; US 9897141 19980819; US 9897218 19980820; US 9897661 19980824; US 9897951 19980826; US 9897952 19980826; US 9897954 19980826; US 9897955 19980826; US 9897971 19980826; US 9897974 19980826; US 9897978 19980826; US 9897979 19980826; US 9897986 19980826; US 9898014 19980826; US 9898525 19980831; US 98100634 19980916; US 99115565 19990112

Designated States: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 272700

Fulltext Availability:

Detailed Description

Detailed Description

... under stringent conditions with (a) a DNA molecule encoding a PRO 1009 polypeptide having the **sequence** of amino acid residues from about I or 23 through about 615, inclusive of Figure...isolated nucleic acid sequences hereinabove identified.

In a specific aspect, the invention provides isolated native **sequence** PRO1056 polypeptide, which in certain embodiments, includes an amino acid sequence comprising residues I or...

12/3,K/18 (Item 14 from file: 349)

DIALOG(R) File 349:PCT Fulltext

(c) 2001 WIPO/MicroPat. All rts. reserv.

00542094 \*\*Image available\*\*

APPARATUS AND METHOD FOR MANAGING AND DISTRIBUTING DESIGN AND MANUFACTURING INFORMATION THROUGHOUT A SHEET METAL PRODUCTION FACILITY

APPAREIL ET METHODE CORRESPONDANTE PERMETTANT DE GERER ET DE REPARTIR UNE INFORMATION RELATIVE A LA CONCEPTION ET A LA FABRICATION DANS UNE INSTALLATION DE PRODUCTION DE TOLES

Patent Applicant/Assignee:

AMADA METRECS CO LTD, AMADA METRECS CO., LTD. , 806, Takamori,

Isehara&shy;shi, Kanagawa 259&shy;11 , JP

AMADASOFT AMERICA INC, AMADASOFT AMERICA, INC. , 14921 Northan Street, La Mirada, CA 90638 , US

Inventor(s):

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HWANG Yearn&shy;Tzuo, HWANG, Yearn&shy;Tzuo , 12415 E. Imperial Highway, Unit &57, Norwalk, CA 90650 , US

SAKAI Satoshi, SAKAI, Satoshi , 9 Avignon, Newport Coast, CA 92657 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9742587 A1 19971113

Application: WO 97US7472 19970506 (PCT/WO US9707472)

Priority Application: US 9616958 19960506; US 96690084 19960731

Designated States: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English  
Fulltext Word Count: 14705

Fulltext Availability:  
Detailed Description

Detailed Description

... the part information, bend line information and bend model data from database 3 0 in **order** to determine the necessary tooling and the optimum bend **sequence** for the sheet metal part. In accordance with an aspect of the present invention, an...

12/3,K/19 (Item 15 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00428036

**METHOD AND SYSTEM FOR ACCESSING DATA**  
**PROCEDE ET SYSTEME D'ACCES A DES DONNEES**

Patent Applicant/Assignee:

THORSEN Hans Verner

Inventor(s):

THORSEN Hans Verner

Patent and Priority Information (Country, Number, Date):

Patent: WO 9623267 A1 19960801

Application: WO 95SE1315 19951106 (PCT/WO SE9501315)

Priority Application: SE 95277 19950126

Designated States: AL AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE

HU IS JP KE KG KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU

SD SE SG SI SK TT UA UG US UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FR

GB GR IE IT LU PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 9696

Fulltext Availability:

Claims

Claim

... hospital=data,2.0.0.2,3014,12.ae,r-x

4. Access Control

In **order** to prevent **unauthorized** access to data, access rights are **checked** on **several** **levels** in different embodiments. For example, the adress of the user application or client is first...

...client may communicate with an access node or with a subnode acting as session server. **Unauthorized** intruders may thereby be detected on the basis of their communication rate. For example, external...

12/3,K/20 (Item 16 from file: 349)  
DIALOG(R)File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00422569

**SYSTEM FOR VERIFYING USE OF A CREDIT/IDENTIFICATION CARD INCLUDING RECORDING OF PHYSICAL ATTRIBUTES OF UNAUTHORIZED USERS**

**SYSTEME DE VERIFICATION DE L'UTILISATION D'UNE CARTE DE CREDIT/D'IDENTITE, A ENREGISTREMENT DES ATTRIBUTS PHYSIQUES DES UTILISATEURS NON AUTORISES**

Patent Applicant/Assignee:

BOGOSIAN Charles A Jr

Patent and Priority Information (Country, Number, Date):

Patent: WO 9618168 A1 19960613

Application: WO 95US15665 19951204 (PCT/WO US9515665)

Priority Application: US 94349688 19941205

Designated States: AM AT AU BB BG BR BY CA CH CN CZ DE DK EE ES FI GB GE HU

IS JP KE KG KP LK LR LT LU LV MD MG MN MW MX NO NZ PL PT RO RU SD SE SG

SI SK TJ TM TT UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FR GB GR IE IT

LU MC NL PT SE CF CG CM GA GN ML MR NE SN TD TG  
Publication Language: English  
Fulltext Word Count: 9349

Fulltext Availability:

Detailed Description

Detailed Description

... been tampered 21 with or changed; the provision of such an improved method 22 having ~~several cross-checking steps~~ which substantially 23 ensure **authorized** use of the card; the provision of such 24 a method capable of verifying whether...the card; the provision of such a 6 method which withholds the card from an **unauthorized** 7 user; and the provision of such a method which is capable 8 of recording a fingerprint of an **unauthorized** user.

9 Also among the several objects of the present invention are the provision of...

12/3,K/21 (Item 17 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00354537

**SEQUENCE-DIRECTED DNA-BINDING MOLECULES COMPOSITIONS AND METHODS**  
**MOLECULES, COMPOSITIONS ET PROCEDES DE LIAISON D'ADN SPECIFIQUES A DES**  
**SEQUENCES**

Patent Applicant/Assignee:

GENELABS TECHNOLOGIES INC

Inventor(s):

EDWARDS Cynthia A

CANTOR Charles R

ANDREWS Beth M

TURIN Lisa M

FRY Kirk E

Patent and Priority Information (Country, Number, Date):

Patent: WO 9414980 A1 19940707

Application: WO 93US12388 19931220 (PCT/WO US9312388)

Priority Application: US 92996783 19921223; US 93123936 19930917

Designated States: AT AU BB BG BR BY CA CH CZ DE DK ES FI GB HU JP KP KR KZ

LK LU LV MG MN NO NZ PL PT RO RU SD SE SK UA UZ VN AT BE CH DE DK ES FR

GB GR IE IT LU PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 87078

Fulltext Availability:

Claims

Claim

... that rank high in the assay, in order to determine whether these test sequences are **false** negatives; and (iv) sequences of any rank in the assay, in **-order** to **confirm** the assay results.

**Several** methods may be used to perform the competition study as long as the relative affinities...



File 348:European Patents 1983-2001/Jul W03  
 (c) 2001 European Patent Office  
 File 349:PCT Fulltext 1983-2001/UB=20010712, UT=20010705  
 (c) 2001 WIPO/MicroPat

Set	Items	Description
S1	152400	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	428905	HIERARCH? OR PLURAL?
S3	69125	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	1528218	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (- CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	127991	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENCE) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR - NETWORK?))
S6	70426	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	6495	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANSMI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURONET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEUROCOMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	79	(S1 OR S2) (10N) (S3(5N)S4)
S9	32	(S1 OR S2) (5N) (S3(3N)S4)
S10	9	S9 (S) (S5 OR S6 OR S7)
S11	6	S8(20N) (S5 OR S6 OR S7)
S12	37	((S1 OR S2) (5N)S4) (S) ((S5 OR S6 OR S7) (10N)S3)
S13	21	((S1 OR S2) (3N)S4) (S) ((S5 OR S6 OR S7) (5N)S3)
S14	5	(S1 OR S2) (20N) ((S3(3N)S4) (5N) (S5 OR S6 OR S7))

14/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:European Patents  
(c) 2001 European Patent Office. All rts. reserv.

01162087

MULTI - LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET  
BUSINESS TRANSACTION PROCESSOR  
BETRUGSPRUFUNG AUF MEHREREN EBENEN MIT DYNAMISCHER RUCKKOPPELUNG FUR EINEN  
PROZESSOR ZUR ABWICKLUNG VON GESCHAFTSVORGANGEN IM INTERNET  
SYSTEME MULTI-NIVEAU DE LUTTE CONTRE LA FRAUDE A RETROACTION DYNAMIQUE POUR  
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET  
PATENT ASSIGNEE:

Hardwarestreet. Com. Inc., (3008361), 639 Isbell Road, 4th Floor, Reno,  
NV 89509, (US), (Applicant designated States: all)

INVENTOR:

ALVIN, Robert, S., 187 Redwood Drive, Boulder Creek, CA 95006, (US)

LEGAL REPRESENTATIVE:

Viering, Jentschura & Partner (100645), Postfach 22 14 43, 80504 Munchen,  
(DE)

PATENT (CC, No, Kind, Date): EP 1040457 A1 001004 (Basic)  
WO 0023909 000427

APPLICATION (CC, No, Date): EP 99970758 991019; WO 99US24439 991019

PRIORITY (CC, No, Date): US 104831 981019; US 343550 990630

DESIGNATED STATES: AT; BE; CH; CY; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU;  
MC; NL; PT; SE

INTERNATIONAL PATENT CLASS: G07F-007/10

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English

MULTI - LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET  
BUSINESS TRANSACTION PROCESSOR

14/3,K/2 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
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00814140

A METHOD FOR A VIRTUAL TRADE FINANCIAL FRAMEWORK  
PROCEDE DESTINE A UN SCHEMA FINANCIER DE COMMERCE VIRTUEL  
Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

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Selangor, MY,

NG William, 101 Whampoa Drive #15-176, Singapore, SG,

Legal Representative:

HICKMAN Paul L (agent), Oppenheimer Wolff & Donnelly, LLP, P.O. Box  
52037, Palo Alto, CA 94303-0746, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200146846 A2 20010628 (WO 0146846)

Application: WO 2000US35429 20001222 (PCT/WO US0035429)

Priority Application: US 99470030 19991222; US 99470041 19991222; US  
99470044 19991222

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD  
MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ  
VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 105681

Fulltext Availability:  
Detailed Description

Detailed Description

... made to ensure that all necessary documentation has arrived, etc. At 1010, the buyer can **check** the documents **online**. The buyer's bank pays for the goods over a interface with VTrade at 1012...

A

14/3,K/3 (Item 2 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00710999 \*\*Image available\*\*

MULTI - LEVEL FRAUD CHECK WITH DYNAMIC FEEDBACK FOR INTERNET  
BUSINESS TRANSACTION PROCESSOR  
SYSTEME MULTI-NIVEAU DE LUTTE CONTRE LA FRAUDE A RETROACTION DYNAMIQUE POUR  
PROCESSEUR DE TRANSACTIONS COMMERCIALES SUR INTERNET

Patent Applicant/Assignee:

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Inventor(s):

ALVIN Robert S, ALVIN, Robert, S., 187 Redwood Drive, Boulder Creek, CA  
95006, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 0023909 A1 20000427 (WO 200023909)

Application: WO 99US24439 19991019 (PCT/WO US9924439)

Priority Application: US 98104831 19981019

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GD GE GH GM HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA  
UG UZ VN YU ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ MD RU TJ  
TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI  
CM GA GN GW ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 7730

~~MULTI - LEVEL FRAUD CHECK~~ WITH DYNAMIC FEEDBACK FOR INTERNET  
~~BUSINESS TRANSACTION PROCESSOR~~

Fulltext Availability:

Detailed Description

Detailed Description

TITLE OF THE INVENTION

~~Multi -Level Fraud Check~~ With Dynamic Feedback for Internet

~~Business Transaction Processor~~ FIELD OF INVENTION The present invention  
relates to business transactions conducted over...

A

14/3,K/4 (Item 3 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00638665 \*\*Image available\*\*

~~EQUIPMENT TRACKING SYSTEM~~  
~~SYSTEME DE SUIVI D'EQUIPEMENTS~~

Patent Applicant/Assignee:

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Inventor(s):

FINCH Vance, FINCH, Vance, P.O. Box 734, Ottawa, KS 66067, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9921610 A1 19990506

Application: WO 98US21957 19981016 (PCT/WO US9821957)

Priority Application: US 97960492 19971029

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH GM HU ID IL JP KE KG KP KR KZ LC LK LR LS LU LV MD MG  
MK MN MW MX NO NZ PL PT RU SD SE SG SI SK SL TJ TM TR UA UG US UZ  
VN YU ZW GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH  
CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW  
ML MR NE SN TD TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 4176

Fulltext Availability:

Detailed Description

Detailed Description

... computer system connected to the Internet.

Data stored in this system is protected by a multi level firewall" server system 6 through which all Internet transmissions are monitored . Attempts at unauthorized access to the database are detected and prevented by the firewall.

Additional security is provided...

14/3,K/5 (Item 4 from file: 349)  
DIALOG(R) File 349:PCT Fulltext  
(c) 2001 WIPO/MicroPat. All rts. reserv.

00577375

**A COMMUNICATION SYSTEM ARCHITECTURE**

**SYSTEME, PROCEDE ET PRODUIT MANUFACTURE POUR L'ARCHITECTURE D'UN SYSTEME DE COMMUNICATION**

Patent Applicant/Assignee:

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Rapids, IA 52401 , US  
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TX 75098 , US  
TURNER Don A, TURNER, Don, A. , 4204 Magnolia Drive, McKinney, TX 75070 ,  
US  
WALTERS John J, WALTERS, John, J. , 2601 Lexington, McKinney, TX 75070 ,  
US  
EASTEP Guido M, EASTEP, Guido, M. , 3005 Saint Germain Drive, McKinney,  
TX 75070 , US  
MARSHALL David D, MARSHALL, David, D. , 1008 Serenade Lane, Richardson,  
TX 75081 , US  
PRICE Ricky A, PRICE, Ricky, A. , 2991 Hillingdon Drive, Richardson, TX  
75082 , US  
SALEH Bilal A, SALEH, Bilal, A. , 1205 E. Camp McDonald Road, Prospect  
Heights, IL 60070 , US

Patent and Priority Information (Country, Number, Date):

Patent: WO 9823080 A2 19980528  
Application: WO 97US21174 19971114 (PCT/WO US9721174)  
Priority Application: US 96751203 19961118; US 96751668 19961118; US  
96752271 19961118; US 96758734 19961118; US 96751209 19961118; US  
96751661 19961118; US 96752236 19961118; US 96752487 19961118; US  
96752269 19961118; US 96751923 19961118; US 96751658 19961118; US  
96752552 19961118; US 96751933 19961118; US 96751663 19961118; US  
96746899 19961118; US 96751915 19961118; US 96752400 19961118; US  
96751922 19961118; US 96751961 19961118

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES  
FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN  
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU  
ZW GH KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD  
TG

Publication Language: English

Filing Language: English

Fulltext Word Count: 188452

Fulltext Availability:

Detailed Description

Detailed Description

... Specialized billing services are additionally provided for value added  
services like the 800 Collect calls.

**Fraud Monitoring** component is a key component of the MCI Intelligent  
Network providing services for preventing loss...

File 278:Microcomputer Software Guide 2001/Jun

(c) 2001 Reed Elsevier Inc.

File 256:SoftBase:Reviews,Companies&Prods. 85-2001/Jun

(c)2001 Info.Sources Inc

Set	Items	Description
S1	1737	(MULTI? OR NUMEROUS? OR MANY OR MANIFOLD OR MYRIAD OR SEVE- RAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LA- YER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPEC- T? OR CHAIN OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	1714	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWF- UL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWIND- LE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S3	32935	COMPAR? OR CHECK? OR LIKEN? OR ANALOGI? OR ANALOGY? OR PAR- ALLEL OR MATCH? OR EXAMIN? OR VIEW? OR WEIGH? OR MEASURE? OR - CONTRAST? OR VERIF? OR CONFIRM? OR (CROSS() (CHECK? OR REFEREN- C?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW?
S4	14	S1(S)S2(S)S3
S5	9	RD (unique items)

5/3,K/1 (Item 1 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

00129768 DOCUMENT TYPE: Review

PRODUCT NAMES: eIDverifier (044474); RocketBridge (044725)

TITLE: RocketBridge Offers Net Credit Check  
AUTHOR: Spangler, Todd  
SOURCE: Inter@ctive Week, v8 n14 p30(1) Apr 9, 2001  
ISSN: 1078-7259  
HOMEPAGE: <http://www.interactive-week.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010630

...s eIDverifier is also highlighted in a discussion of RocketBridge's namesake authentication service, which **compares** consumer-submitted information with Trans Union's credit file. Trans Union, which will spin off...

...a huge database representing detailed reports on 220 million people. eIDverifier has 40 customers, including **CheckFree** and eBay (which are in **various stages** of deployment), and Equifax **verifies** about 300,000 consumers each month. According to RocketBridge's president Jan Davis, a 4 percent or 5 percent reduction in **fraudulent** transactions has a highly salutary effect on the bottom line of the e-merchant. With RocketBridge, for instance, an online wine-seller can **verify** that purchasers are no less than 21 years of age by **cross-checking** their information with the Trans Union database. RocketBridge also permits merchants to ask more probing...

...or 'fail' information. One user of RocketBridge is SinglesClick, an online dating service that will **verify** its members' identities.

5/3,K/2 (Item 2 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

00122600 DOCUMENT TYPE: Review

PRODUCT NAMES: RealJukebox (749559); DoubleCLICK (761346)

TITLE: Don't Be Paranoid, But They're Watching  
AUTHOR: Barnett, Chris  
SOURCE: MicroTimes, v204 p27(3) Feb 29, 2000  
HOMEPAGE: <http://www.microtimes.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20000530

RealNetworks, through its RealJukebox software, and DoubleClick, using implanted cookies, have been secretly **monitoring** users' every move, pumping the information into giant databases, selling their surfing habits and preferences...

...at these cyberspooks' practices leads into a discussion of why companies ought to perform background **checks** on potential employees. While federal and state laws, as well as legal precedents, hamper companies...

...detective with the San Jose Police says tech companies are prey to 'a lot of **theft**,' much of it inside jobs and rarely as glamorous as headlines proclaim. It is rising...

...reluctance to report crimes to the police. He says it is impossible to pinpoint potential **thieves**. Skilled interviewing and deep background **checks** are two of the best tools for determining potential risks. He cites Altera, maker of...

...pre-screening programs. Altera's safety and security manager recommends hiring a background company to **check** credit records and other public records, including criminal records. Costing anywhere from \$100 for a database search for a lower-level staffer to **several** thousand dollars for a full backgrounding, the manager sees background **checks** as a bargain.

5/3,K/3 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00121092 DOCUMENT TYPE: Review

PRODUCT NAMES: Gruntz (783102); Baldur's Gate (740039); Railroad Tycoon II (737585); Hoyle Board Games (737216); NHL 2000 (783072)

TITLE: Shopping Secrets: Games  
AUTHOR: Staff  
SOURCE: FamilyPC, p117(7) Winter 1999  
ISSN: 1076-7754  
HOMEPAGE: <http://www.family.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20000314

...iron horse to earn profits by laying track, hauling goods, and playing the stock market. **Many** interesting **aspects** of railroad history are also provided. Hoyle Board Games is an electronic collection of 14...  
...and variations, computer components with pizzazz, and free multiplayer options. Among games included are chess, **checkers**, dominoes, Snakes and Ladders, Chinese **checkers**, Mancala, Reversi, and others. NHL 2000 is better than real hockey, with lots of goals and all the body **checks** the gamer could want. Commentary is by ESPN analyst Bill Clement, and a crowd throws hats on the ice when someone scores a hat **trick**. NHL 2000's fights are bloodless and staged to avoid excessive violence.

5/3,K/4 (Item 4 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00119930 DOCUMENT TYPE: Review

PRODUCT NAMES: OpenLinux 2.2 (656127); Red Hat Linux 6 (598399)

TITLE: Linux: OpenLinux vs. Red Hat  
AUTHOR: McCracken, Harry  
SOURCE: PC World, v17 n10 p141(5) Oct 1999  
ISSN: 0737-8939  
HOMEPAGE: <http://www.pcworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Comparison  
GRADE: Product Comparison, No Rating



REVISION DATE: 20010222

Caldera Systems' OpenLinux 2.2 and Red Hat's Red Hat Linux 6 are **compared** packaged distributions of the open-source Linux operating system (OS). Both try to make Linux...

...hardware roadblocks, and a helter-skelter group of supporting business applications. All Linux implementations are **tricky** mergings of software components that combine the Linux kernel with different installation and administration tools, drivers, **many layers** of technology in a graphical user interface (GUI), and many applications. OpenLinux uses the K...

5/3,K/5 (Item 5 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00118589 DOCUMENT TYPE: Review

PRODUCT NAMES: SATAN (835358); Apache (715557); Stronghold Apache-SSL (614564); Red Hat Secure Web Server for Linux (705403); Microsoft Internet Information Server (591645)

TITLE: Network Security

AUTHOR: Reichard, Kevin

SOURCE: PERFORMANCE COMPUTING, v17 n4 p60(3) Apr 1999

ISSN: 0742-3136

HOME PAGE: <http://www.performancecomputing.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010430

...other facets of World Wide Web site security to network engineers and system administrators. However, **several levels** of protection are required to create a genuinely secure Web server. They includes firewalls, proxy...

...so that the network remains secure. Outsiders are routed to the firewall and asked to **verify** identities via authentication. SATAN, or Security Administrator Tool for Analyzing Networks, assists in conducting a...

...to probe the network to find any security exposures that leave the system open to **unauthorized** access. SATAN can be downloaded for UNIX and Linux versions, but no Windows NT version...

5/3,K/6 (Item 6 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

00117185 DOCUMENT TYPE: Review

PRODUCT NAMES: Biometric Security (830213)

TITLE: Imaging System and biometric data Identify Airline Travelers

AUTHOR: Hardin, R Winn

SOURCE: Vision Systems Design, v4 n3 p47(7) Mar 1999

ISSN: 1089-3709

HOME PAGE: <http://www.vision-systems-design.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 19990930

...to enroll in INS PASS, as a way to authenticate their identity and to prevent **illegal** departure and arrival of criminals, terrorists, and **illegal** immigrants. The enrollment process requires establishment of the person's identity; to accomplish this, INS...  
...with a scanner from Identix. INS PASS kiosks in airports are automated and unattended, but **monitored**. **Several levels** of **checking** are required to prevent persons from **illegally** passing through the system.

5/3,K/7 (Item 7 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00102677 DOCUMENT TYPE: Review

PRODUCT NAMES: ACL - Audit Command Language Windows (296741); IDEA 1.2 Windows (234699); Monarch 3.0 (300179); Microsoft Excel (018160)

TITLE: Make Audits Effective and Efficient  
AUTHOR: Levi, Philip C, CMC, CFE, FCA  
SOURCE: Accounting Technology, v13 n3 p45(7) Apr 1997  
ISSN: 1068-6452  
HOMEPAGE: <http://www.electronicaccountant.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Comparison  
GRADE: Product Comparison, No Rating

REVISION DATE: 20000630

...costs, as well as for more responsibility on the part of the auditor to find **fraud** and other **illegal** practices. ACL for Windows allows analysis, interrogation, and reporting of data from just about any platform, and provides various **views** without modifying basic data. Agings are done by multiple user-configured intervals, and handy, robust batch file and batch recorder functions allow automation of recurring procedures. **Multiple level** sorting is provided, and the software finds gaps in sequences. IDEA for Windows is a...

...Monarch 3.0 culls data from a report file and makes it a helpful table. **Verification** of data entry is easy to do, and aberrations can be more easily found. Users...

...Excel provides conversion wizards and advanced data sorting and filtering, with robust formatting and multiple **views**.

5/3,K/8 (Item 8 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

00099713 DOCUMENT TYPE: Review

PRODUCT NAMES: GIS (830278)

TITLE: 1997 Marks the End of the GIS Revolution  
AUTHOR: Waters, Nigel  
SOURCE: GIS World, v10 n1 p71(1) Jan 1997  
ISSN: 0897-5507  
HOMEPAGE: <http://www.gisworld.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 19990830

...hard to swallow for academic geographers because much of the early study had a mechanical **aspect** that reminded **many** of the discredited philosophy of environmental determinism. A revolution can be said to be over...

...cast out or have been changed to incorporate new ideas. When geographers with different world **views** were all discussing the importance of the quantitative revolution, they were acting like those who...

...would mislead geography in a wrong and nonproductive direction, which has been proven to be **false**. Other concerns mentioned by Burton have also been leveled at GIS. In 1997, GIS shares...

5/3,K/9 (Item 9 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

00096845 DOCUMENT TYPE: Review

PRODUCT NAMES: UNIX (699675)

TITLE: Thwarting 'Net Attackers  
AUTHOR: Fontana, John  
SOURCE: Communications Week, v631 p1(2) Sep 30, 1996  
ISSN: 0746-8121

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010222

...on the incoming requests that a server can process before locking out other requests. Another **measure** involves UNIX systems' dropping of requests deemed to be possibly **false**, while processing authentic incoming connections. To fix the TCP/IP protocol-based security glitch, UNIX...

...Syn packets, the foundational units of a TCP/IP connection. About 15 other attacks of **various levels** of seriousness were reported to the Computer Emergency Response Team (CERT). A developer says the...

Set	Items	Description
S1	1737	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	1286	HIERARCH? OR PLURAL?
S3	1714	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	37544	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (- CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	55329	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENCE) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR - NETWORK?))
S6	32619	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()-LINE?
S7	3	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANSMI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURONET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEUROCOMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	2	(S1 OR S2) (20N) (S3 (10N) S4)
S9	22	(S1 OR S2) AND S3 AND S4 AND (S5 OR S6 OR S7)
S10	17	RD (unique items)
S11	12	(S1 OR S2) AND (S3 (20N) S4) AND (S5 OR S6 OR S7)
S12	9	RD (unique items)

*reviewed* →

12/3,K/1 (Item 1 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00122600 DOCUMENT TYPE: Review

PRODUCT NAMES: RealJukebox (749559); DoubleCLICK (761346)

TITLE: Don't Be Paranoid, But They're Watching  
AUTHOR: Barnett, Chris  
SOURCE: MicroTimes, v204 p27(3) Feb 29, 2000  
HOMEPAGE: <http://www.microtimes.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20000530

RealNetworks, through its RealJukebox software, and DoubleClick, using implanted cookies, have been secretly monitoring users' every move, pumping the information...

...reluctance to report crimes to the police. He says it is impossible to pinpoint potential thieves. Skilled interviewing and deep background checks are two of the best tools for determining potential risks. He cites Altera, maker of...

...records, including criminal records. Costing anywhere from \$100 for a database search for a lower-level staffer to several thousand dollars for a full backgrounding, the manager sees background checks as a bargain.

12/3,K/2 (Item 2 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00118589 DOCUMENT TYPE: Review

PRODUCT NAMES: SATAN (835358); Apache (715557); Stronghold Apache-SSL (614564); Red Hat Secure Web Server for Linux (705403); Microsoft Internet Information Server (591645)

TITLE: Network Security  
AUTHOR: Reichard, Kevin  
SOURCE: PERFORMANCE COMPUTING, v17 n4 p60(3) Apr 1999  
ISSN: 0742-3136  
HOMEPAGE: <http://www.performancecomputing.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010430

...PRODUCT NAMES: 705403); Microsoft Internet Information Server...

...Venema's SATAN freeware, Apache Group's Apache HTTP WebServe, C2Net's Stronghold, Red Hat Software's Red Hat Secure Web Server for Linux, and Microsoft's Microsoft Internet Information Server (IIS) are highlighted in a discussion of network security issues that should be considered by Webmasters when developing Web sites. Although most Webmasters provide secure transactions, they often leave the nitty-gritty work required for other facets of World Wide Web site security to network engineers and system administrators. However, several levels of protection are required to create a genuinely secure Web server. They includes firewalls, proxy servers, secure Web servers software, and 128-bit encryption for

all transactions. Any **World Wide Web** server that is **linked** to the external world requires a firewall or proxy server, so...

...Administrator Tool for Analyzing Networks, assists in conducting a security audit of a network and **Internet** configuration. SATAN's purpose is to probe the network to **find** any security exposures that leave the system open to **unauthorized** access. SATAN can be downloaded for UNIX and Linux versions, but no Windows NT version...

...COMPANY NAME: 999999); Apache **Software** Foundation...

...650293); C2Net **Software** Inc...

DESCRIPTORS: Computer Security; System Monitoring; Audit; Network Administration Tools; UNIX; Linux; Web Servers; **Internet** Utilities; IIS; Webmasters; **Internet** Security

12/3,K/3 (Item 3 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
(c)2001 Info.Sources Inc. All rts. reserv.

00114585 DOCUMENT TYPE: Review

PRODUCT NAMES: Computer Security (830071); Privacy (838136)

TITLE: For your Eyes Only: Seven ways to protect your private information...

AUTHOR: Ashton, Alison

SOURCE: Home Office Computing, v17 n3 p44(2) Mar 1999

ISSN: 0899-7373

HOME PAGE: <http://www.smalloffice.com>

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20010331

There are **many** **steps** to take and applications to use for **Internet** and cell phone users to protect personal information. Many portable cell phones now come bundled...

...scripts that keep unwanted people from eavesdropping on cell calls. The constantly-growing threat of **software** viruses can be effectively battled using a number of virus-protection **software** packages. Users wanting to remove cookies from their hard drives can either tell their Web...

...protect sensitive e-mail transmissions. Many sophisticated password-management tools are very easy-to-use. **Online** shoppers can also **find** **Internet** -savvy credit cards that are completely protected against **online** **fraud**.

DESCRIPTORS: Computer Security; Security; Credit Cards; **Internet** Marketing; Telecommunications; Encryption; E-Mail; Privacy; **Internet** Security

A 12/3,K/4 (Item 4 from file: 256)  
DIALOG(R)File 256:SoftBase:Reviews,Companies&Prods.  
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00109223 DOCUMENT TYPE: Review

PRODUCT NAMES: CyberAngel EXR Windows 95 & NT Beta (703508)

TITLE: Protect Data and Your PC with CyberAngel EXR

AUTHOR: Harvey, David A

SOURCE: Windows Sources, v6 n6 p64(1) Jun 1998

ISSN: 1065-9641  
HOMEPAGE: <http://www.winsources.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: B

REVISION DATE: 20000830

Computer Sentry's CyberAngel EXR for Windows 95/NT from Computer Sentry **Software** is a powerful program and service for security and encryption applications. It reports any unauthorized...

...which files are to be encrypted is extremely simple using a standard Windows-style file **hierarchy** to pick a file and choose one of three different encryption algorithms. For only \$60 per year, users can have Computer Sentry **Software monitor** PC systems for breakins and **theft** via modems and user-defined passwords. If intruders attempt to enter the system, CyberAngel EXR...

COMPANY NAME: Computer Sentry **Software** Inc...

12/3,K/5 (Item 5 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00107703 DOCUMENT TYPE: Review

PRODUCT NAMES: iNet Solo 1.0 Windows 95 & NT (699811)

TITLE: **One-Stop Site Building**  
AUTHOR: Yakal, Kathy  
SOURCE: Computer Shopper, v18 n2 p627(1) Feb 1998  
ISSN: 0886-0556  
HOMEPAGE: <http://www.computershopper.com>

RECORD TYPE: Review  
REVIEW TYPE: Review  
GRADE: A

REVISION DATE: 20000830

Pictorius' iNet Solo 1.0, an economically-priced system for creation and displaying of **Web pages**, uses a linked server/**Web site** approach that has some benefits. The program uses its own predesigned agents for such Web...

...security down to the page level protects against unwanted changes in the site, and keeps **unauthorized viewers** away from sensitive data. To build a site using iNet Solo, the user begins by creating new pages in a **hierarchical** window, where each page is shown as an icon. The first page is a parent...

...requires more manual work to deploy. Users can create good looking pages, but some standard **Web page** features are not supported, including standard horizontal lines or frames and often-used Hypertext Markup...

DESCRIPTORS: Electronic Publishing; Authoring Systems; **Internet**  
Utilities; IBM PC & Compatibles; Windows NT/2000; Windows; **Web Site**  
Design

12/3,K/6 (Item 6 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00106090 DOCUMENT TYPE: Review

PRODUCT NAMES: Houdini 3.0 SGI (592111)

TITLE: A New Paradigm: Side Effects Software's Houdini 2.0

AUTHOR: Smith, Mark

SOURCE: AV Video & Multimedia Producer, v19 n12 p72(3) Dec 1997

ISSN: 1090-7459

HOME PAGE: http://www.avvideo.com

RECORD TYPE: Review

REVIEW TYPE: Review

GRADE: A

REVISION DATE: 19980430

TITLE: A New Paradigm: Side Effects Software's Houdini 2.0

Side Effects Software's Houdini 3.0 is different from other procedural model and animation programs is that...

...tasks. These operators can trade information with each other. The operators are used in a **hierarchical** tree. As a result, when a change is made to one operator, the effects **trickle** down the tree to any dependent operators. The changes to all the operators involved take place instantly, so users can **view** the complete effects of a change to an operator in real time. This transformation may...

...steps after the altered event are automatically changed. 'Networks' is the term that Side Effects Software uses for the connected series of operator tiles that create causes and effects. The **software** has a very well-organized interface. All the editors share an interface function set that...

COMPANY NAME: Side Effects Software Inc (SESI...)

12/3,K/7 (Item 7 from file: 256)

DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.

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A 00104694 DOCUMENT TYPE: Review

PRODUCT NAMES: Kane Security Analyst (568678); SAFEsuite (645605); NetProbe (602868); SecurIT Audit (665673); bv-Control (626902)

TITLE: Scanning for Network Security Holes

AUTHOR: Sullivan, Kristina B

SOURCE: PC Week, v14 n43 p113(4) Oct 13, 1997

ISSN: 0740-1604

RECORD TYPE: Review

REVIEW TYPE: Product Analysis

GRADE: Product Analysis, No Rating

REVISION DATE: 20001116

Intrusion Detection's Kane Security Analyst, Internet Security Systems' Safesuite, Qualix Group's NetProbe, Milkyway Networks' SecurIT Audit, and BindView Development's...

...who turns on the computer. Network security auditing tools, such as the ones mentioned, can **find** these situations, including **unauthorized** configurations and obvious passwords. Some tools also allow users to set their own security scans and can evaluate remote machines and create **multiple** report levels. Safesuite provides Internet Scanner, a Windows NT-based network security evaluation utility that assesses networks using a database...



...COMPANY NAME: 4323; Internet Security Systems I...  
DESCRIPTORS: Computer Security; Network Administration Tools; System  
Monitoring; Network Software ; Audit

12/3,K/8 (Item 8 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00102677 DOCUMENT TYPE: Review

**A** PRODUCT NAMES: ACL - Audit Command Language Windows (296741); IDEA 1.2  
Windows (234699); Monarch 3.0 (300179); Microsoft Excel (018160)

TITLE: Make Audits Effective and Efficient  
AUTHOR: Levi, Philip C, CMC, CFE, FCA  
SOURCE: Accounting Technology, v13 n3 p45(7) Apr 1997  
ISSN: 1068-6452  
HOMEPAGE: <http://www.electronicaccountant.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Comparison  
GRADE: Product Comparison, No Rating

REVISION DATE: 20000630

ACL Software 's ACL - Audit Command Language for Windows, American  
Institute of CPAs' (AICPA's) IDEA 1...

...lower costs, as well as for more responsibility on the part of the  
auditor to find fraud and other illegal practices. ACL for Windows  
allows analysis, interrogation, and reporting of data from just about any  
platform, and provides various views without modifying basic data. Agings  
are done by multiple user-configured intervals, and handy, robust batch  
file and batch recorder functions allow automation of recurring procedures.  
Multiple level sorting is provided, and the software finds gaps in  
sequences. IDEA for Windows is a robust, easy-to-use, productive tool...

...do, and aberrations can be more easily found. Users can test-add  
columns, and the software streamlines report perusal. Excel provides  
conversion wizards and advanced data sorting and filtering, with robust...

12/3,K/9 (Item 9 from file: 256)  
DIALOG(R) File 256:SoftBase:Reviews,Companies&Prods.  
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00096845 DOCUMENT TYPE: Review

PRODUCT NAMES: UNIX (699675)

TITLE: Thwarting 'Net Attackers  
AUTHOR: Fontana, John  
SOURCE: Communications Week, v631 p1(2) Sep 30, 1996  
ISSN: 0746-8121

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20010222

...and routing vendors are working fast to secure systems against a  
security breach that leaves Internet service providers (ISPs) open to  
hacker attacks that could bring down the networks. Competing UNIX...

...on the incoming requests that a server can process before locking out

other requests. Another **measure** involves UNIX systems' **dropping** of requests deemed to be possibly **false** , while processing authentic incoming connections. To fix the TCP/IP protocol-based security glitch, UNIX...

...Syn packets, the foundational units of a TCP/IP connection. About 15 other attacks of **various levels** of seriousness were reported to the Computer Emergency Response Team (CERT). A developer says the...

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 (c) 2001 BLDSC all rts. reserv.  
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 (c) 2001 The HW Wilson Co.  
 File 473:FINANCIAL TIMES ABSTRACTS 1998-2001/APR 02  
 (c) 2001 THE NEW YORK TIMES  
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 File 475:Wall Street Journal Abs 1973-2001/Jul 24  
 (c) 2001 The New York Times  
 File 18:Gale Group F&S Index(R) 1988-2001/Jul 23  
 (c) 2001 The Gale Group

Set	Items	Description
S1	143712	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	99311	HIERARCH? OR PLURAL?
S3	234668	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	6133645	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (-CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	1110542	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENCE) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR - NETWORK?))
S6	499202	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	13968	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANSMI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURONET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEUROCOMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	4	<del>((S1 OR S2) (3) ((S3(5N)S4) (5N) (S5 OR S6 OR S7)))</del>
S9	4	RD (unique items)
S10	4	((S3(5N)S4) (5N) (S5 OR S6 OR S7)) AND (S1 OR S2)
S11	12	(S1 OR S2)AND ((S3(10N)S4) (10N) (S5 OR S6 OR S7))
S12	11	RD (unique items)
S13	26	((S1 OR S2) (20N)S3) (20N)S4) AND (S5 OR S6 OR S7)
S14	25	RD (unique items)
S15	7	((S1 OR S2) (10N)S3) (10N)S4) AND (S5 OR S6 OR S7)
S16	7	RD (unique items)

reviewed

16/3,K/1 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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858933 ORDER NO: AAD84-22291

**VERIFICATION OF HIERARCHICALLY STRUCTURED VLSI SYSTEMS (DESIGN RULE CHECKING, NODE EXTRACTION, LAYOUT)**

Author: MODARRES, HOSSEIN

Degree: PH.D.

Year: 1984

Corporate Source/Institution: THE UNIVERSITY OF MICHIGAN (0127)

Source: VOLUME 45/07-B OF DISSERTATION ABSTRACTS INTERNATIONAL.  
PAGE 2263. 179 PAGES

The development of a theoretical basis for a technology-independent, false-error free, hierarchical design rule checker and a node-extractor for digital MOS VLSI circuit layouts is investigated. These verification tools are successfully implemented in software.

A flat (non-hierarchical) model of the layout of a VLSI circuit using set theory...

...the behavior of the circuit.

The flat and the hierarchical models and all the supporting software are implemented in the C language and run under the UNIX operating system.

A study...

16/3,K/2 (Item 1 from file: 2)

DIALOG(R)File 2:INSPEC

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6969625 INSPEC Abstract Number: A2001-15-8760J-023, B2001-08-7510P-036, C2001-08-7330-211

**Title: An SVM classifier to separate false signals from microcalcifications in digital mammograms**

Author(s): Bazzani, A.; Bevilacqua, A.; Bollini, D.; Brancaccio, R.; Campanini, R.; Lanconelli, N.; Riccardi, A.; Romani, D.

Author Affiliation: Dipartimento di Fisica, Bologna Univ., Italy

Journal: Physics in Medicine and Biology vol.46, no.6 p.1651-63

Publisher: IOP Publishing,

Publication Date: June 2001 Country of Publication: UK

CODEN: PHMBA7 ISSN: 0031-9155

SICI: 0031-9155(200106)46:6L:1651:CSFS;1-X

Material Identity Number: P117-2001-006

U.S. Copyright Clearance Center Code: 0031-9155/2001/061651+13\$30.00

Language: English

Subfile: A B C

Copyright 2001, IEE

...Abstract: system for the detection of clustered microcalcifications in digital mammograms. SVM is a technique for pattern recognition which relies on the statistical learning theory. It minimizes a function of two terms: the...

... misclassified vectors of the training set and a term regarding the generalization classifier capability. We compare the SVM classifier with an MLP (multi-layer perceptron) in the false-positive reduction phase of our detection scheme: a detected signal is considered either microcalcification or...

...Identifiers: pattern recognition ; ...

...multi-layer perceptron ;

16/3,K/3 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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6599151 INSPEC Abstract Number: C2000-07-6110J-001

**Title:** State patterns and C++

**Author(s):** Macri, J.

**Journal:** Dr. Dobbs's Journal vol.25, no.6 p.36, 38, 40, 42, 44-5

**Publisher:** Miller Freeman,

**Publication Date:** June 2000 **Country of Publication:** USA

**CODEN:** DDJSDM **ISSN:** 1044-789X

**SICI:** 1044-789X(200006)25:6L:36:SP;1-V

**Material Identity Number:** B719-2000-005

**Language:** English

**Subfile:** C

**Copyright** 2000, IEE

...Abstract: checker implementation, where all behavior is kept in the context class, but the state class **hierarchy** offers a set of **checker** methods that respond true or **false** based on the current state. Based on these **checker** methods, the context object performs the appropriate action. To illustrate how you can use these...

...Descriptors: **software** reusability

16/3,K/4 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

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5790100 INSPEC Abstract Number: C9802-0230B-013

**Title:** The regulation of pornography and child pornography on the Internet

**Author(s):** Akdeniz, Y.

**Author Affiliation:** Centre for Criminal Justice Studies, Leeds Univ., UK

**URL:** [http://elj.warwick.ac.uk/jilt/internet/97\\_lakdz/default.htm](http://elj.warwick.ac.uk/jilt/internet/97_lakdz/default.htm)

**Journal:** JILT-Journal of Information Law & Technology no.1

**Publication URL:** <http://elj.warwick.ac.uk/jilt>

**Publisher:** Univ. Warwick; Strathclyde Univ,

**Publication Date:** 28 Feb. 1997 **Country of Publication:** UK

**ISSN:** 1361-4169

**Material Identity Number:** G354-97004

**Language:** English

**Subfile:** C

**Copyright** 1998, IEE

**Title:** The regulation of pornography and child pornography on the Internet

Abstract: Pornography has been the most controversial topic arising from the use of the **Internet** in recent years. Its availability on the **Internet** has caused fear and a 'moral panic' among the government, law enforcement bodies such as...

... There is no settled definition of pornography in a multi-national environment such as the **Internet** and cultural, moral and legal variations all around the world make it difficult to define...

... content' in a global society. This article discusses two different issues within one context, the **Internet** : the regulation of harmful content such as pornography and regulation of illegal content such as...

... such as children, should not take the form of an unconditional prohibition of using the **Internet** to distribute certain content that is freely available to adults in other media. The production...

... is illegal in the UK and in many other countries. This also applies to the **Internet** . This article discusses these issues and **examines** the current initiatives to regulate the availability of **illegal** and harmful content on the **Internet** . The article proposes a **multi-layered** solution for the regulation of pornographic content on the **Internet** .

This may involve the **online** users, **Internet** Service Providers, codes of practice, self-regulatory bodies, technical solutions, the Government, and the European...

...Descriptors: **Internet** ;  
Identifiers: **Internet** ; ...

...online users...

...Internet Service Providers

16/3,K/5 (Item 4 from file: 2)

DIALOG(R) File 2:INSPEC

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4764854 INSPEC Abstract Number: B9410-1265F-109, C9410-5135-063

**Title: A hierarchical parallel processor for digital signal processing applications**

Author(s): Wilmarth, D.D.

Author Affiliation: Sky Comput. Inc., Chelmsford, MA, USA

Part vol.2 p.1114-21 vol.2

Publisher: DSP Associates, Newton, MA, USA

Publication Date: 1993 Country of Publication: USA 2 vol. 1675 pp.

Conference Title: Proceedings of the Fourth International Conference on Signal Processing Applications and Technology. ICSPAT '93

Conference Date: 28 Sept.-1 Oct. 1993 Conference Location: Santa Clara, CA, USA

Language: English

Subfile: B C

...Abstract: SKY Computer's products. The use of parallel computer clusters as the building block of **hierarchical** parallel processors is specifically **examined**. The SKYbolt **Shamrock** implements a byte-slice crossbar, barrier synchronization registers and a combined shared/global memory system between its four processors. The SKYvec **software** toolkit automatically parallelizes code across all four processors on the daughtercard. This allows the user...

...Descriptors: **software** tools

...Identifiers: SKYvec **software** toolkit...

16/3,K/6 (Item 5 from file: 2)

DIALOG(R) File 2:INSPEC

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4588633 INSPEC Abstract Number: B9403-6140C-124, C9403-1250-103

**Title: Ranging through Gabor logons-a consistent, hierarchical approach**

Author(s): Chienchung Chang; Chatterjee, S.

Author Affiliation: Qualcomm Inc., San Diego, CA, USA

Journal: IEEE Transactions on Neural Networks vol.4, no.5 p.827-43

Publication Date: Sept. 1993 Country of Publication: USA

CODEN: ITNNEP ISSN: 1045-9227

U.S. Copyright Clearance Center Code: 1045-9227/93/\$03.00

Language: English

Subfile: B C

...Abstract: used to obtain the dense stereo disparities. Unlike traditional hierarchical methods for stereo, feature based **hierarchical** processing yields consistent disparities. To avoid **false matchings** due to static occlusion, a dual **matching**, based on the imaging geometry, is used.

...Descriptors: **neural** nets ;

16/3,K/7 (Item 6 from file: 2)

DIALOG(R) File 2:INSPEC

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02409543 INSPEC Abstract Number: B85018429

**Title: Hierarchical design rule checking of VLSI systems**

Author(s): Modarres, H.; Lomax, R.J.

Author Affiliation: Dept. of Electr. & Comput. Eng., Michigan Univ., Ann Arbor, MI, USA

Conference Title: 1984 IEEE International Symposium on Circuits and Systems. Proceedings (Cat. No. 84CH1993-5) p.994-7 vol.3

Publisher: IEEE, New York, NY, USA

Publication Date: 1984 Country of Publication: USA 3 vol. 1524 pp.

U.S. Copyright Clearance Center Code: CH1993-5/84/0000-0994\$01.00

Conference Sponsor: IEEE; Concordia Univ

Conference Date: 7-10 May 1984 Conference Location: Montreal, Que., Canada

Language: English

Subfile: B

Abstract: Development of the theoretical basis and the **software** implementation of a technology-independent, **false** -error-free, **hierarchical** design rule **checker** for VLSI circuit layouts are described. A flat (nonhierarchical) model of the layout of a...

...Identifiers: **software** implementation

File 77:Conference Papers Index 1973-2001/Jul  
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File 583:Gale Group Globalbase(TM) 1986-2001/Jul 24  
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File 99:Wilson Appl. Sci & Tech Abs 1983-2001/Jun  
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(c) 2001 THE NEW YORK TIMES  
File 474:New York Times Abs 1969-2001/Jul 23  
(c) 2001 The New York Times  
File 475:Wall Street Journal Abs 1973-2001/Jul 24  
(c) 2001 The New York Times  
File 18:Gale Group F&S Index(R) 1988-2001/Jul 23  
(c) 2001 The Gale Group

Set	Items	Description
S1	143712	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	99311	HIERARCH? OR PLURAL?
S3	234668	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	6133645	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (-CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	1110542	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENCE) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR NETWORK?))
S6	499202	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	13968	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANSMI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURONET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEUROCOMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	4	(S1 OR S2) (S) ((S3(5N)S4) (5N) (S5 OR S6 OR S7))
S9	4	RD (unique items)
S10	4	((S3(5N)S4) (5N) (S5 OR S6 OR S7)) AND (S1 OR S2)
S11	12	(S1 OR S2)AND ((S3(10N)S4) (10N) (S5 OR S6 OR S7))
S12	11	RD (unique items)



11/3,K/1 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation On Abs Online  
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01455435 ORDER NO: AADAA-I9600331

**MODULAR NEURAL NETWORK ARCHITECTURE FOR DETECTION OF OPERATIONAL PROBLEMS  
ON URBAN ARTERIALS (INTELLIGENT TRANSPORTATION SYSTEMS, SIGNAL TIMING,  
FREEWAYS)**

Author: KHAN, SAROSH ISLAM

Degree: PH.D.

Year: 1995

Corporate Source/Institution: UNIVERSITY OF CALIFORNIA, IRVINE (0030)

Source: VOLUME 56/09-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 5039. 112 PAGES

...types of problems and produced an overall system of models that individually outperformed a single **multi-layer** feed-forward neural network model for lane-blocking incidents, special event conditions and detector malfunction...

...study areas in Anaheim and Los Angeles, California, USA. The higher detection rates and lower **false** alarm rates of the modular **neural network** model **compared** to other techniques demonstrated its potential of detecting different types of traffic operational problems on...

11/3,K/2 (Item 2 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01236638 ORDER NO: AAD92-24215

**FINITE-STATE MACHINE SYNTHESIS FOR CONTINUOUS, CONCURRENT ERROR DETECTION  
USING SIGNATURE-INVARIANT MONITORING**

Author: ROBINSON, SCOTT H.

Degree: PH.D.

Year: 1992

Corporate Source/Institution: CARNEGIE-MELLON UNIVERSITY (0041)

Source: VOLUME 53/04-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 1993. 277 PAGES

...monitoring, a concurrent form of signature analysis, detects erroneous state sequencing that can occur during **on-line** operation. The **monitor** detects **illegal** sequencing by computing a run-time signature from the evolving state-code **sequence** using a **multi-input** shift (signature) register. At checkpoints, any discrepancy between run-time and reference signatures indicates...

11/3,K/3 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

6319871 INSPEC Abstract Number: B1999-09-6135E-126, C1999-09-5260B-336

**Title: Adaptive target recognition**

Author(s): Bir Bhanu; Yingqiang Lin; Jones, G.; Jing Peng

Author Affiliation: Centre for Res. in Intelligent Syst., California Univ., Riverside, CA, USA

Conference Title: Proceedings IEEE Workshop on Computer Vision Beyond the Visible Spectrum: Methods and Applications (CVBVS'99) p.71-81

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1999 Country of Publication: USA viii+139 pp.

ISBN: 0 7695 0050 1 Material Identity Number: XX-1999-01533

U.S. Copyright Clearance Center Code: 0 7695 0050 1/99/\$10.00

Conference Title: Proceedings of IEEE Workshop on Computer Vision : Beyond the Visible Spectrum - Methods and Applications

Conference Sponsor: Tech. Committee on Pattern Anal. & Machine Intelligence; IEEE Comput. Soc

Conference Date: 21-22 June 1999 Conference Location: Fort Collins, CO, USA

Language: English

Subfile: B C

Copyright 1999, IEE

Abstract: Target recognition is a **multi -level** process requiring a sequence of algorithms at low, intermediate and high levels. Generally, such systems...

... with no feedback between levels and assuring their performance at the given probability of correct **identification** (PCI) and probability of **false** alarm (Pf) is a key challenge in computer vision and **pattern recognition** research. In this paper a robust closed-loop system for recognition of SAR images based...

...Identifiers: **multi -level** process

11/3,K/4 (Item 2 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

6251694 INSPEC Abstract Number: C1999-06-5440-019

**Title: Reducing system overheads in home-based software DSMs**

Author(s): Weiwu Hu; Weisong Shi; Zhimin Tang

Author Affiliation: Inst. of Comput. Technol., Acad. Sinica, Beijing, China

Conference Title: Proceedings 13th International Parallel Processing Symposium and 10th Symposium on Parallel and Distributed Processing. IPPS/SPDP 1999 p.167-73

Publisher: IEEE Comput. Soc, Los Alamitos, CA, USA

Publication Date: 1999 Country of Publication: USA xxiv+7671 pp.

ISBN: 0 7695 0143 5 Material Identity Number: XX-1999-00126

U.S. Copyright Clearance Center Code: 1063-7133/99/\$10.00

Conference Title: Proceedings of 13th International Parallel Processing Symposium and 10th Symposium on Parallel and Distributed Processing

Conference Sponsor: IEEE Comput. Soc. Tech. Committee on Parallel Process.; ACM SIGARCH

Conference Date: 12-16 April 1999 Conference Location: San Juan, Puerto Rico

Language: English

Subfile: C

Copyright 1999, IEE

...Abstract: limit performance. This paper introduces our efforts in reducing system overheads of a home-based **software** DSM called JIAJIA. Three **measures**, including eliminating **false** sharing through avoiding unnecessarily invalidating cached pages, reducing virtual memory page faults with a new write detection scheme, and propagating barrier message in a **hierarchical** way, are taken to reduce the system overhead of JIAJIA. Evaluation with some well-known...

11/3,K/5 (Item 3 from file: 2)

DIALOG(R) File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5790100 INSPEC Abstract Number: C9802-0230B-013

**Title: The regulation of pornography and child pornography on the Internet**

Author(s): Akdeniz, Y.

Author Affiliation: Centre for Criminal Justice Studies, Leeds Univ., UK

URL: [http://elj.warwick.ac.uk/jilt/internet/97\\_lakdz/default.htm](http://elj.warwick.ac.uk/jilt/internet/97_lakdz/default.htm)

Journal: JILT-Journal of Information Law & Technology no.1

Publication URL: <http://elj.warwick.ac.uk/jilt>

Publisher: Univ. Warwick; Strathclyde Univ,

Publication Date: 28 Feb. 1997 Country of Publication: UK

ISSN: 1361-4169

Material Identity Number: G354-97004

Language: English

Subfile: C  
Copyright 1998, IEE

...Abstract: is illegal in the UK and in many other countries. This also applies to the **Internet**. This article discusses these issues and **examines** the current initiatives to regulate the availability of **illegal** and harmful content on the **Internet**. The article proposes a **multi-layered** solution for the regulation of pornographic content on the Internet. This may involve the online...

11/3,K/6 (Item 4 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5174305 INSPEC Abstract Number: B9603-6140C-310, C9603-1250-113  
**Title: Classifier and shift-invariant automatic target recognition neural networks**  
Author(s): Casasent, D.P.; Neiberg, L.M.  
Author Affiliation: Dept. of Electr. & Comput. Eng., Carnegie Mellon Univ., Pittsburgh, PA, USA  
Journal: Neural Networks vol.8, no.7-8 p.1117-29  
Publisher: Elsevier,  
Publication Date: 1995 Country of Publication: USA  
CODEN: NNETEB ISSN: 0893-6080  
SICI: 0893-6080(1995)8:7/8L.1117:CSIA;1-6  
Material Identity Number: L963-96001  
U.S. Copyright Clearance Center Code: 0893-6080/95/\$9.50+.00  
Language: English  
Subfile: B C  
Copyright 1996, IEE

Abstract: Automatic target recognition processors typically employ **several stages** of processing, each with a different operational purpose. New shift-invariant filters using morphological and...  
... of neural net optimization techniques to design such filters. A new feature space trajectory classifier **neural network** is described that **identifies** the class and pose of each object, rejects clutter **false** alarms, and overcomes various issues associated with other classifier **neural networks**.

11/3,K/7 (Item 5 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

4509290 INSPEC Abstract Number: B9312-1265B-029, C9312-5210-012  
**Title: Direct methods for synthesis of self-monitoring state machines**  
Author(s): Robinson, S.H.; Shen, J.P.  
Author Affiliation: Dept. of Electr. & Comput. Eng., Carnegie Mellon Univ., Pittsburgh, PA, USA  
Conference Title: Digest of Papers. The 1992 IEEE Workshop on Fault-Tolerant Parallel and Distributed Systems (Cat. No.92TH0449-9) p. 306-15  
Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA  
Publication Date: 1992 Country of Publication: USA viii+233 pp.  
ISBN: 0 8186 2870 7  
U.S. Copyright Clearance Center Code: 0 8186 2870 7/92\$03.00  
Conference Sponsor: IEEE  
Conference Date: 6-7 July 1992 Conference Location: Amherst, MA, USA  
Language: English  
Subfile: B C

Abstract: Finite-state machine (FSM) signature monitoring detects erroneous state sequencing that can occur during **on-line** operation. The **monitor** detects **illegal** sequencing by computing a run-time signature from the evolving state-code **sequence** with a **multi**-input shift

register. At checkpoints any discrepancy between run-time and reference signatures indicates that.

11/3,K/8 (Item 6 from file: 2)  
DIALOG(R) File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

03864030 INSPEC Abstract Number: B91028519, C91030703  
**Title: Automated design for maintainability**  
Author(s): Reinhart, H.; Pecht, M.  
Author Affiliation: CALCE Center for Electron. Packaging, Maryland Univ.,  
College Park, MD, USA  
Conference Title: Proceedings of the IEEE 1990 National Aerospace and  
Electronics Conference. NAECON 1990 (Cat. No.90CH2881-1) p.1227-32 vol.3  
Publisher: IEEE, New York, NY, USA  
Publication Date: 1990 Country of Publication: USA 3 vol.1378 pp.  
U.S. Copyright Clearance Center Code: CH2881-1/90/0000-1227\$01.00  
Conference Sponsor: IEEE  
Conference Date: 21-25 May 1990 Conference Location: Dayton, OH, USA  
Language: English  
Subfile: B C

...Abstract: to predict and utilize maintainability system parameters  
associated with repair times, manpower requirements, availability, and  
**false** alarm rates, are **examined**. Included is a description of a  
**software** module which applies the statistical techniques set out in  
MIL-HDBK-472 Procedure V. The...

...to compile knowledge of maintenance times gained through experience with  
similar systems already in operation. **Hierarchical** modeling techniques  
make it possible for maintainability parameters to be calculated for the  
entire system...

...Descriptors: **hierarchical** systems  
Identifiers: **hierarchical** modelling...

...**hierarchical** modelling

11/3,K/9 (Item 7 from file: 2)  
DIALOG(R) File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02662142 INSPEC Abstract Number: C86026752  
**Title: Programming: science or infant?**  
Author(s): Baber, R.L.  
Journal: Informatie vol.28, no.1 p.34-40  
Publication Date: Jan. 1986 Country of Publication: Netherlands  
CODEN: INFTCR ISSN: 0019-9907  
Language: Dutch  
Subfile: C

...Abstract: considered to be partly a science, an art form, a craft, a  
business and a **swindle**. Two vicious circle situations affecting **software**  
development are **identified**. The problems of **software** engineering and  
the spectrum of possibilities for the future are seen to range over three  
...

... reactionary) and optimistic (radical). Features of importance are the  
training times required for programmers at **various levels** and the  
challenges to be met in fulfilling the social responsibilities of  
programming computers.

A 11/3,K/10 (Item 8 from file: 2)  
DIALOG(R) File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

02409543 INSPEC Abstract Number: B85018429

**Title:** Hierarchical design rule checking of VLSI systems

Author(s): Modarres, H.; Lomax, R.J.

Author Affiliation: Dept. of Electr. & Comput. Eng., Michigan Univ., Ann Arbor, MI, USA

Conference Title: 1984 IEEE International Symposium on Circuits and Systems. Proceedings (Cat. No. 84CH1993-5) p.994-7 vol.3

Publisher: IEEE, New York, NY, USA

Publication Date: 1984 Country of Publication: USA 3 vol. 1524 pp.

U.S. Copyright Clearance Center Code: CH1993-5/84/0000-0994\$01.00

Conference Sponsor: IEEE; Concordia Univ

Conference Date: 7-10 May 1984 Conference Location: Montreal, Que., Canada

Language: English

Subfile: B

**Title:** Hierarchical design rule checking of VLSI systems

Abstract: Development of the theoretical basis and the software implementation of a technology-independent, false -error-free, hierarchical design rule checker for VLSI circuit layouts are described. A flat (nonhierarchical) model of the layout of a...

...some extra cost. Graph theory is used to extend the flat model to define a hierarchical model for the layout of a VLSI circuit.

...Identifiers: hierarchical design rule checker...

...hierarchical model

11/3,K/11 (Item 1 from file: 233)

DIALOG(R)File 233:Internet & Personal Comp. Abs.

(c) 2001 Info. Today Inc. All rts. reserv.

00360715 94UR09-001

Keeping Internet intruders away -- The latest fad for hackers is sniffers, and the latest countermeasure is firewalls. If you don't know what these terms...

Ellis, James; Fraser, Barbara; Pesante, Linda

UNIX Review, September 1, 1994, v12 n9 p35-44, 6 Page(s)

ISSN: 0742-3136

Examines security against hackers on the Internet. Explains how hackers use "sniffers" which is unauthorized monitoring of network packets. Says that some companies have tried comparing checksums of system binaries against previous known good versions in an effort to detect sniffer...

... good hacker can alter a program to generate the same checksum as previous versions. Suggests several security steps which can be taken against sniffers, including managing system and service configurations, securing passwords, the...

11/3,K/12 (Item 1 from file: 99)

DIALOG(R)File 99:Wilson Appl. Sci & Tech Abs

(c) 2001 The HW Wilson Co. All rts. reserv.

1283905 H.W. WILSON RECORD NUMBER: BAST96006078

**Classifier and shift-invariant automatic target recognition neural networks**

Casasent, David P; Neiberg, Leonard M

Neural Networks v. 8 no7-8 ('95) p. 1117-29

DOCUMENT TYPE: Feature Article ISSN: 0893-6080

ABSTRACT: Automatic target recognition processors typically employ several stages of processing, each with a different operational purpose. New shift-invariant filters using morphological and...

...of neural net optimization techniques to design such filters. A new

feature space trajectory classifier neural network is described that identifies the class and pose of each object, rejects clutter false alarms, and overcomes various issues associated with other classifier neural networks . Reprinted by permission of the publisher.

File 15:ABI/Inform(R) 1982-2001/Jul 23  
 (c) 2001 ProQuest Info&Learning  
 File 9:Business & Industry(R) Jul/1994-2001/Jul 23  
 (c) 2001 Resp. DB Svcs.  
 File 623:Business Week 1985-2001/Jul W4  
 (c) 2001 The McGraw-Hill Companies Inc  
 File 810:Business Wire 1986-1999/Feb 28  
 (c) 1999 Business Wire  
 File 275:Gale Group Computer DB(TM) 1983-2001/Jul 20  
 (c) 2001 The Gale Group  
 File 624:McGraw-Hill Publications 1985-2001/Jul 20  
 (c) 2001 McGraw-Hill Co. Inc  
 File 636:Gale Group Newsletter DB(TM) 1987-2001/Jul 23  
 (c) 2001 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2001/Jul 23  
 (c) 2001 The Gale Group  
 File 813:PR Newswire 1987-1999/Apr 30  
 (c) 1999 PR Newswire Association Inc  
 File 16:Gale Group PROMT(R) 1990-2001/Jul 23  
 (c) 2001 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2001/Jul 23  
 (c)2001 The Gale Group  
 File 20:World Reporter 1997-2001/Jul 24  
 (c) 2001 The Dialog Corporation  
 File 634:San Jose Mercury Jun 1985-2001/Jul 20  
 (c) 2001 San Jose Mercury News  
 File 635:Business Dateline(R) 1985-2001/Jul 21  
 (c) 2001 ProQuest Info&Learning  
 File 570:Gale Group MARS(R) 1984-2001/Jul 23  
 (c) 2001 The Gale Group  
 File 47:Gale Group Magazine DB(TM) 1959-2001/Jul 23  
 (c) 2001 The Gale group  
 File 647:CMP Computer Fulltext 1988-2001/Jul W4  
 (c) 2001 CMP  
 File 674:Computer News Fulltext 1989-2001/Jul W2  
 (c) 2001 IDG Communications

Set	Items	Description
S1	635580	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	216335	HIERARCH? OR PLURAL?
S3	2896805	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	21440759	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (-CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	6088028	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENC-E) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR - NETWORK?))
S6	9753279	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	12162	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANS-MI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURON-ET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEURO-COMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	241	(S1 OR S2) (10N) (S3 (5N) S4)
S9	14	S8 (20N) (S5 OR S7)
S10	10	RD (unique items)

Scanned  
 S8  
 S9  
 S10

reviewed

10/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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00578253 91-52600

**Whistle-Blowing at BCCI: Sounds of Silence**  
Kass, Rochelle  
Bank Systems & Technology v28n10 PP: 30-31 Oct 1991  
ISSN: 1045-9472 JRNL CODE: BSE  
WORD COUNT: 1628

...TEXT: Clifford, is in the hot seat because the bank was secretly owned by BCCI), uses **several levels of software** and security **measures** to prevent **fraudulent** activity. Fundamental is controlling access to data.

"The way that we administer it," said John...

10/3,K/2 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
(c) 2001 Resp. DB Svcs. All rts. reserv.

01932549 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**FLORIDA SOFTWARE COMPANY CATERS TO CHILDREN**

Interactive will introduce the Jubilee's Journey CD-ROM software program that will enable children to explore rain forests and the African plains via their PC)

St Petersburg Times , p N/A

August 26, 1997

DOCUMENT TYPE: Regional Newspaper ISSN: 0898-865X (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1448

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...great, marks from some leading software reviewers. The Children's Software Revue, which ranks kids **software** on a scale of 1-5, rates each of the series with a 3 or 3.5. **Reviewers** say the Let's Pretend series, while offering **many** fun and educational elements, at times suffers from the same weakness found in many kids...

A 10/3,K/3 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0873335 BW1131

**LIGHTBRIDGE: Fast-Growing Telecommunications Reseller Turns to Lightbridge's Telesto for a Competitive Edge**

June 29, 1998

Byline: Business/Technology Editors

...apply for additional services on the basis of their payment histories;

- ~~Fraud Detect(tm)~~, a ~~multi faceted fraud~~ detection tool, will help ~~ConexOne identify subscription fraud at the point-of-sale before it happens;~~ and

- CAS(tm) (Customer Acquisition System), a **software** -based service that includes online, real-time transaction processing will be used by ConexOne for...

10/3,K/4 (Item 2 from file: 810)



DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0752407 BW1034

**MICROFRAME: MicroFrame Announces Release of Sentinel 2000S (Slimline)  
Remote Network Management Product**

October 01, 1997

Byline: Business Editors

...port and provide  
central and/or local audit reports. They can also detect PBX toll  
**fraud** by **monitoring** CDR ports for activity that violates pre-defined  
threshold **levels** in **various** call classifications.

The Sentinels are designed to work with the Company's Manager  
2000(TM) suite of **software** applications. Together they increase the  
ability to remotely monitor and manage networks systems, and to...

10/3,K/5 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01605205 SUPPLIER NUMBER: 14012909 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**LAN management tools automate time-consuming tasks. (PC Week Buyers'  
Guide) (Buy Line) (Buyers Guide)**

Crowley, Aileen

PC Week, v10, n26, p89(1)

July 5, 1993

DOCUMENT TYPE: Buyers Guide ISSN: 0740-1604 LANGUAGE: ENGLISH

RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 549 LINE COUNT: 00044

Packages ranging from inventory control and metering tools to  
installation **software** enable managers to be more responsive to users'  
needs. The **trick** is choosing tools that **match** each network's specific  
requirements.

"There are **several** different **tiers** of products, and they answer  
different needs," said Tom Henderson, president of Corporate Networks, a...

10/3,K/6 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

03911350 Supplier Number: 50116423 (USE FORMAT 7 FOR FULLTEXT)

**-LIGHTBRIDGE: Fast-growing telecoms reseller turns to Lightbridge's Telesto  
for a competitive edge**

M2 Presswire, pN/A

June 30, 1998

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 585

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...who apply for additional services on the basis of their payment  
histories; -- Fraud Detect, a **multi -faceted fraud** detection tool,  
will help ConexOne **identify** subscription **fraud** at the point-of-sale  
before it happens; and -- CAS (Customer Acquisition System), a **software**  
-based service that includes online, real-time transaction processing will  
be used by ConexOne for...

10/3,K/7 (Item 1 from file: 813)

DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1328783

DAF022

**Year 2000 Problems Hit Financial Institutions - Insurance, Medicaid and  
Worker's Comp Fraud - Computers Cannot Handle it - Study Finds**

DATE: August 21, 1998 13:04 EDT WORD COUNT: 1,112

...the Y2K computer bug, to shield them from being detected.

These fraud pros knew that **neural net** technology and relational databases, used almost universally today by the insurance and Medicaid/Medicare providers, relied on exact **match** searching to find **fraud**. Thus, if criminals modified their **identifiers**, they could take out **multiple** policies, **stage multiple** accidents and continue collecting illegally.

John Valentine, CEO of InfoGlide remarked: "Everyone knows that when ...

A 10/3,K/8 (Item 2 from file: 813)

DIALOG(R)File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

0749137

PH004

**POWERFUL, LOW-COST SOFTWARE TO ORGANIZE AND CONTROL DRAWINGS AND DOCUMENTS  
ANNOUNCED BY KRUSE, INC.**

DATE: October 10, 1994 08:07 EDT WORD COUNT: 458

...work-in-progress procedures of most engineering departments, a non-proprietary database file format, and **multiple** security levels which prevent unauthorized viewing, modifications, or deletions.

Pricing for Kruse control **software** is \$99.00. Kruse, Inc. offers a 99-day, risk-free trial period. For more...

10/3,K/9 (Item 1 from file: 20)

DIALOG(R)File 20:World Reporter  
(c) 2001 The Dialog Corporation. All rts. reserv.

06710691 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**rackdown launched on illegal software copies among government organizations**  
KOREA HERALD

August 16, 1999

JOURNAL CODE: FKHD LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 392

... Hoo-ran Staff reporter The Ministry of Information and Communication (MIC) is today to start **checks** on the use of **illegally** copied **software** in government ministries and other administrative bodies at **various** levels.

The checks on more than 1,110 administrative institutions will be conducted through October with...

10/3,K/10 (Item 1 from file: 635)

DIALOG(R)File 635:Business Dateline(R)  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

0536567 94-91490

**Powerful, low-cost software to organize and control drawings and documents  
announced by Kruse, Inc.**

Francis, Carl  
PR Newswire (New York, NY, US) s1 p1  
PUBL DATE: 941010  
WORD COUNT: 427  
DATELINE: Downingtown, PA, US

TEXT:

...work-in-progress procedures of most engineering departments, a non-proprietary database file format, and **multiple** security levels which prevent **unauthorized viewing**, modifications, or deletions.

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File 15:ABI/Inform(R) 1985-2001/Jul 23  
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 File 624:McGraw-Hill Publications 1985-2001/Jul 20  
 (c) 2001 McGraw-Hill Co. Inc  
 File 636:Gale Group Newsletter DB(TM) 1987-2001/Jul 23  
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 File 621:Gale Group New Prod.Annou.(R) 1985-2001/Jul 23  
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 File 16:Gale Group PROMT(R) 1990-2001/Jul 23  
 (c) 2001 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2001/Jul 23  
 (c)2001 The Gale Group  
 File 20:World Reporter 1997-2001/Jul 24  
 (c) 2001 The Dialog Corporation  
 File 634:San Jose Mercury Jun 1985-2001/Jul 20  
 (c) 2001 San Jose Mercury News  
 File 635:Business Dateline(R) 1985-2001/Jul 21  
 (c) 2001 ProQuest Info&Learning  
 File 570:Gale Group MARS(R) 1984-2001/Jul 23  
 (c) 2001 The Gale Group  
 File 47:Gale Group Magazine DB(TM) 1959-2001/Jul 23  
 (c) 2001 The Gale group  
 File 647:CMP Computer Fulltext 1988-2001/Jul W4  
 (c) 2001 CMP  
 File 674:Computer News Fulltext 1989-2001/Jul W2  
 (c) 2001 IDG Communications

Set	Items	Description
S1	635580	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	216335	HIERARCH? OR PLURAL?
S3	2896805	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	21440759	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (- CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	6088028	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENC-E) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR - NETWORK?))
S6	9753279	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	12162	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANS-MI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURON-ET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEURO-COMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	241	(S1 OR S2) (10N) (S3 (5N) S4)
S9	14	S8 (20N) (S5 OR S7)
S10	10	RD (unique items)

Scanned →

reviewed

S11	16	S8(S) (S5, S7)
S12	11	RD (unique items)

12/3,K/1 (Item 1 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

00578253 91-52600

**Whistle-Blowing at BCCI: Sounds of Silence**

Kass, Rochelle

Bank Systems & Technology v28n10 PP: 30-31 Oct 1991

ISSN: 1045-9472 JRNL CODE: BSE

WORD COUNT: 1628

...TEXT: Clifford, is in the hot seat because the bank was secretly owned by BCCI), uses several levels of software and security measures to prevent fraudulent activity. Fundamental is controlling access to data.

"The way that we administer it," said John...

12/3,K/2 (Item 1 from file: 9)

DIALOG(R) File 9:Business & Industry(R)

(c) 2001 Resp. DB Svcs. All rts. reserv.

01932549 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**UPSTART FLORIDA SOFTWARE COMPANY CATERS TO CHILDREN**

(RMC Interactive will introduce the Jubilee's Journey CD-ROM software program that will enable children to explore rain forests and the African plains via their PC)

St Petersburg Times , p N/A

August 26, 1997

DOCUMENT TYPE: Regional Newspaper ISSN: 0898-865X (United States)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1448

(USE FORMAT 7 OR 9 FOR FULLTEXT)

**TEXT:**

...SARASOTA, Fla.--Aug. 26--Renowned chimpanzee expert Jane Goodall never heard of a Sarasota kids **software** company called Ringling Multimedia until last October. That's when Ringling's Cathy Letts, on...

...in TV commercials, operates an international program encouraging children to preserve the environment. Letts produces **software** that gets young kids more in touch with the natural world. A high-tech idea...  
...fall, RMC Interactive (Ringling's new name) will unveil Jubilee's Journey. The CD-ROM **software** lets kids explore rain forests and the African plains via personal computer with the help...

...on a project. Less clear is the commercial fate awaiting Jubilee's Journey in a **software** market increasingly dominated by giant corporations. Can Jubilee capture the imagination of children and the attention and wallets of parents? In the ultra-competitive world of education-entertainment or "edutainment" **software**, it's a jungle out there. Last year, more than 800 children's **software** products were introduced, and analysts expect another 500 this year. Jubilee's Journey will join more than 2,700 **software** titles already scrapping for retail shelf space, the seal of approval from reviewers and, most...

...the time and try to compete," says Warren Buckleitner, editor of the independent Children's **Software** Revue newsletter in Flemington, N.J.  
"Some are successful and many are not. "It's...

...Flash the Firefly as the talking host of its "Let's Pretend" series of edutainment **software** early last year under the Mind Magic Productions label. Four more Let's Pretend volumes...

...s Journey is expected to be the first in a new series. Reviewers of kids **software** give the Let's Pretend series solid marks. But RMC's **software** isn't making any hot-seller lists, says the market research firm PC Data.

Sales...

...we started from scratch today, we would not have a prayer." Already, more than 70 **software** developers publish edutainment **software** aimed mostly at children between the ages of 3 and 12. Bigger muscle and money...

...ROMs more interactive, the products often tend to be more commercial. This fall, for example, **software** will appear featuring such kids' icons as Barbie, Hot Wheels, Tonka trucks, Legos and Barney...

...draws on talent from the Ringling School, and sets aggressive prices on its CD-ROM **software**. RMC was one of the first companies to offer kids' interactive **software** for \$19.95, nearly \$10 less than the average price. The company also pushes its **software** through many alternative outlets, ranging from grocery and book stores to mass merchandisers. RMC linked...

...main work area, RMC's people like to sprawl on a large couch while brainstorming **software** ideas. At times, the staff passes pieces of paper around to vote on which concept...Scandinavia and other regions. The series gets good, but not great, marks from some leading **software** reviewers. The Children's **Software** Revue, which ranks kids **software** on a scale of 1-5, rates each of the series with a 3 or 3.5. **Reviewers** say the Let's **Pretend** series, while offering many fun and educational elements, at times suffers from the same weakness found in many kids CD-ROM products: not enough interactivity. Without it, kids are less compelled to use the **software** again and again. Jubilee's Journey, which is aimed at kids age 7 or older...

...and executive at the Ringling School, believes the early and undisciplined days of creating kids **software** are over. "For 10 years, the edutainment business was built on hype. Now we are..."

12/3,K/3 (Item 1 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01605205 SUPPLIER NUMBER: 14012909 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**LAN management tools automate time-consuming tasks. (PC Week Buyers' Guide) (Buy Line) (Buyers Guide)**  
Crowley, Aileen  
PC Week, v10, n26, p89(1)  
July 5, 1993  
DOCUMENT TYPE: Buyers Guide ISSN: 0740-1604 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 549 LINE COUNT: 00044

Packages ranging from inventory control and metering tools to installation **software** enable managers to be more responsive to users' needs. The **trick** is choosing tools that **match** each network's specific requirements.

"There are **several** different **tiers** of products, and they answer different needs," said Tom Henderson, president of Corporate Networks, a...

A 12/3,K/4 (Item 1 from file: 636)  
DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

03911350 Supplier Number: 50116423 (USE FORMAT 7 FOR FULLTEXT)  
**-LIGHTBRIDGE: Fast-growing telecoms reseller turns to Lightbridge's Telesto for a competitive edge**  
M2 Presswire, pN/A  
June 30, 1998  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 585

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...who apply for additional services on the basis of their payment histories; -- Fraud Detect, a multi-faceted fraud detection tool, will help ConexOne identify subscription fraud at the point-of-sale before it happens; and -- CAS (Customer Acquisition System), a software-based service that includes online, real-time transaction processing will be used by ConexOne for...

...About Lightbridge Lightbridge, Inc. (NASDAQ:LTBG), based in Burlington, Mass., is a leading provider of software-based services that help global telecommunications carriers quickly acquire customers and retain them over time...

12/3,K/5 (Item 2 from file: 636)

DIALOG(R) File 636:Gale Group Newsletter DB(TM)

(c) 2001 The Gale Group. All rts. reserv.

02305917 Supplier Number: 44475098 (USE FORMAT 7 FOR FULLTEXT)

Data protection registration system from NCC

Computer Audit Update, pN/A

March, 1994

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 103

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

The UK National Computer Centre has introduced a PC-based software package, which it says will automate and simplify registration under the Data Protection Act. The...

...of registrations and allow access requests. Requests for reminders of renewals are automatically issued, while multi-level security checks prevent unauthorized access. DPRS is priced at GBP995 including first year maintenance. For more information contact: NCC...

12/3,K/6 (Item 1 from file: 621)

DIALOG(R) File 621:Gale Group New Prod. Annou. (R)

(c) 2001 The Gale Group. All rts. reserv.

01363616 Supplier Number: 46265148 (USE FORMAT 7 FOR FULLTEXT)

IA Corp. Announces New CheckVision Products; New CheckVision Archive

Software Supports Short- and Long-term Check Image Archival With Dynamic, Multi-tiered Migration.

Business Wire, p04010001

April 1, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 903

(USE FORMAT 7 FOR FULLTEXT)

TEXT:

...IA Corp., a leading developer of image-based cash management and high-end workflow management software, announced today new CheckVision and RemitVision features to put on-line banking and cash management functions at a customer's fingertips, as well as tackle such important industry issues as check fraud, multi-tiered check archival and system scalability and compatibility.

12/3,K/7 (Item 1 from file: 813)

DIALOG(R) File 813:PR Newswire

(c) 1999 PR Newswire Association Inc. All rts. reserv.



1328783

DAF022

**Year 2000 Problems Hit Financial Institutions - Insurance, Medicaid and Worker's Comp Fraud - Computers Cannot Handle it - Study Finds**

DATE: August 21, 1998

13:04 EDT

WORD COUNT: 1,112

...the Y2K computer bug, to shield them from being detected.

These fraud pros knew that **neural net** technology and relational databases, used almost universally today by the insurance and Medicaid/Medicare providers, relied on exact **match** searching to **find fraud**. Thus, if criminals modified their **identifiers**, they could take out **multiple** policies, **stage multiple** accidents and continue collecting illegally.

John Valentine, CEO of InfoGlide remarked: "Everyone knows that when ...

**12/3,K/8 (Item 1 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

11418627 SUPPLIER NUMBER: 55730066 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Software Review: Look for efficiency, security in MICR packages. (printer support software; magnetic ink character recognition) (Software Review) (Review) (Statistical Data Included)**

Davis, Tom

Accounting Today, ITEM99256027

Sept 6, 1999

DOCUMENT TYPE: Review Statistical Data Included

ISSN: 1044-5714

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 3092 LINE COUNT: 00264

... and troubleshooting.

In any check printing environment, security is a critical feature and SecureCheck provides **multi-level** security clearances to insure against **check fraud**. The system provides network security administration and monitors all check printing activity. There are six levels of password administration and security built into the **software**.

The optional Signature Logic module gives the system the intelligence to attach signatures to checks...

**12/3,K/9 (Item 1 from file: 20)**

DIALOG(R)File 20:World Reporter

(c) 2001 The Dialog Corporation. All rts. reserv.

06710691 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**rackdown launched on illegal software copies among government organizations KOREA HERALD**

August 16, 1999

JOURNAL CODE: FKHD LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 392

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The checks on more than 1,110 administrative institutions will be conducted through October with...

**12/3,K/10 (Item 1 from file: 635)**

DIALOG(R)File 635:Business Dateline(R)

(c) 2001 ProQuest Info&Learning. All rts. reserv.

0688042 96-45310

**IA Corp announces new CheckVision products**

Leak, Debra

Business Wire (San Francisco, CA, US) p1

PUBL DATE: 960401

WORD COUNT: 871

DATELINE: San Antonio, TX, US, Southwest

**TEXT:**

...IA Corp., a leading developer of image-based cash management and high-end workflow management **software**, announced today new CheckVision and RemitVision features to put on-line banking and cash management functions at a customer's fingertips, as well as tackle such important industry issues as **check fraud**, **multi-tiered check** archival and system scalability and compatibility.

With such clients as Merrill Lynch, Fidelity Investments, Federal...

12/3,K/11 (Item 1 from file: 647)

DIALOG(R)File 647:CMP Computer Fulltext

(c) 2001 CMP. All rts. reserv.

00611466 CMP ACCESSION NUMBER: EET19881205S0361

**Sybase 'mils' server**

ELECTRONIC ENGINEERING TIMES, 1988, n 515, 68

PUBLICATION DATE: 881205

JOURNAL CODE: EET LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: 515PG68

WORD COUNT: 246

... development allows a single relational database to store data subject to multiple security classifications.

The **software** reportedly exceeds the usual file-level security controls to provide mandatory security at the RDBMS' row level, incorporating up to 16 **hierarchical** classifications and 64 compartment categories. Security auditing and tracing **monitors** system access, and attempts at **unauthorized** use supposedly sets off alarms.

No one else in the business has a secure database...

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(c) 2001 Resp. DB Svcs.  
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File 810:Business Wire 1986-1999/Feb 28  
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(c) 2001 The Gale Group  
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(c)2001 The Gale Group  
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File 647:CMP Computer Fulltext 1988-2001/Jul W4  
(c) 2001 CMP  
File 674:Computer News Fulltext 1989-2001/Jul W2  
(c) 2001 IDG Communications

Set	Items	Description
S1	635580	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	216335	HIERARCH? OR PLURAL?
S3	2896805	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	21440759	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (-CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	6088028	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENCE) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR - NETWORK?))
S6	9753279	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	12162	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANS-MI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURON-ET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEURO-COMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	241	(S1 OR S2) (10N) (S3(5N)S4)
S9	14	S8(20N) (S5 OR S7)
S10	10	RD (unique items)

S11	16	S8(S) (S5 OR 7)
S12	11	RD (unique items)
S13	25	S8(S)S6
S14	12	RD (unique items)
S15	9	S14 NOT (S10 OR S11 OR S12)

15/3,K/1 (Item 1 from file: 15)  
DIALOG(R)File 15:ABI/Inform(R)  
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01561441 02-12430

**Home on the page**

Gips, Michael

Security Management v41n12 PP: 14 Dec 1997

ISSN: 0145-9406 JRNL CODE: SEM

WORD COUNT: 320

...TEXT: selections this month include a chapter on CCTV from An Introduction to Physical Security Techniques reviewed in September).

Internet fraud, Pyramic schemes and fraudulent multi level marketing operations topped the list of Internet fraud reports made to the National Fraud Information Center in 1996, and they were expected to be among the top online scams in 1997. Bogus business opportunities also abounded in 1996.

Workplace violence.

Job-related homicides...

15/3,K/2 (Item 1 from file: 9)  
DIALOG(R)File 9:Business & Industry(R)  
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01696225 (USE FORMAT 7 OR 9 FOR FULLTEXT)

**Netstore - a serious business use for the Internet**

(NetStore UK plc is the first company in the on-line backup field; uses a patented Data Blocking technology to transmit only the subset of an individual file that has actually changed)

Internet for Business, n 4, p 20

November 1996

DOCUMENT TYPE: Newsletter (United Kingdom)

LANGUAGE: English RECORD TYPE: Fulltext

WORD COUNT: 1365

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...This infrastructure is, of course, the Internet.

A risky business?

Is security inadequate on the Internet for business backup? No, but better to get the issue out in the...

...in the discussion. The NetStore system goes to extraordinary lengths to protect customers' data from unauthorised viewing. In addition to a multi-level password protection and access control based on the Windows NT C2 security model, all customer...

15/3,K/3 (Item 1 from file: 636)  
DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

03663235 Supplier Number: 47889914 (USE FORMAT 7 FOR FULLTEXT)

**Refrigerant Theft on the Rise, Experts Offer Tips**

Ozone Depletion Network Online Today, pN/A

August 4, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 183

... based Wagner Production Corporation. "Around schools, offices, and government buildings, the problem exists."

Kestenbaum offered **several steps** to preventing refrigerant **theft**, including **checking** inventory, using lockup, signout procedures, using level indicators and other means to track leak patterns...

...refrigerant if a system is going to be shut down. Contact: Refron, 800-4-REFRON, **website** <http://www.refron.com>

(ACHR NEWS: 7/28)

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15/3,K/4 (Item 1 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2001 The Gale Group. All rts. reserv.

02686096 Supplier Number: 66164114 (USE FORMAT 7 FOR FULLTEXT)  
**Rackspace.com Introduces SecureGuard to Ensure New Levels of Security on Linux Servers.**  
PR Newswire, pNA  
April 24, 2000  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 623

... Access  
SAN ANTONIO, April 24 /PRNewswire/ --  
Rackspace.com, a leading provider of Linux-based Advanced **Internet** Hosting services, today announced that it will add the SecureGuard security system to its array of advanced Web hosting services. SecureGuard offers **many levels** of built-in security and **monitoring** enhancements for customers concerned about **unauthorized** access to their server. Customers wanting a higher level of security for credit card operations...

15/3,K/5 (Item 2 from file: 621)  
DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
(c) 2001 The Gale Group. All rts. reserv.

02261082 Supplier Number: 58274666 (USE FORMAT 7 FOR FULLTEXT)  
**Fraud-Check, Inc. Launches E-Commerce Fraud Utility.**  
PR Newswire, p3369  
Dec 16, 1999  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 374

... protective barrier between the shoplifter and the e-commerce merchant. As a transaction is made **online** -- at the same time the information goes to the credit card company for authorization -- the...

...process of patterning and modeling. By comparing against dozens of factors in the company's **multi-faceted**, marketing neutral negative database, **Fraud-Check** can give the merchant the information needed to assess the risk and take appropriate action...

15/3,K/6 (Item 1 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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10185135 SUPPLIER NUMBER: 20524458 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Frauds, hoaxes, myths, and chain letters: or, what's this doing in my e-mail box?(includes related articles on flaming and Web sites fighting fraud)**  
Ebbinghouse, Carol  
Searcher, v6, n4, p50(6)

April, 1998  
ISSN: 1070-4795      LANGUAGE: English      RECORD TYPE: Fulltext  
WORD COUNT: 4808      LINE COUNT: 00370

... links to the National Fraud Information Center, U.S. government resources, telemarketing and charity inquiries, **online** investment schemes, pyramid selling, and **multi-level** marketing schemes, etc.

National Fraud Information Center <http://www.fraud.org/>

**Check** out securities **fraud** schemes with links to where to report suspected fraud: <http://sec.gov/consumer/cyberfr.htm>...

15/3,K/7      (Item 1 from file: 20)  
DIALOG(R)File 20:World Reporter  
(c) 2001 The Dialog Corporation. All rts. reserv.

08750866 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Fraud-Check Launches E-Commerce Fraud Service**  
comparing against dozens of factors in the company's  
NEWSBYTES  
December 16, 1999  
JOURNAL CODE: FNEW      LANGUAGE: English      RECORD TYPE: FULLTEXT  
WORD COUNT: 421

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... same time the information goes to the credit card company for authorization - the transaction is **checked** against **Fraud-Check's** proprietary process of patterning and modeling. **multi-faceted**, marketing-neutral negative database, **Fraud-Check** said it can give the merchant the information needed to assess the risk and take...

15/3,K/8      (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

0851891 98-12247  
**Snared by The Web? \*\*\* Even the cyber-savvy will need patience to snag Internet success**  
Mcclain, Randy  
Advocate-Baton Rouge (Baton Rouge, LA, US) p1.E  
PUBL DATE: 970920  
WORD COUNT: 1,087  
DATELINE: New Orleans, LA, US, Southwest

TEXT:

...to win," Brewster said. "You're competing against every single Web page out there."

One **trick** to help search engines **find** your site, Ershler said, is to include the singular and **plural** versions of key words in a **Web page's** metatag.

"You've got to use variations of words because you never know how..."

15/3,K/9      (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

05162368      SUPPLIER NUMBER: 20770480      (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**But can you get it wholesale? A survey of Internet auction sites finds that some aren't such a deal.**  
Henry, Ed  
Kiplinger's Personal Finance Magazine, v52, n7, p115(3)

July, 1998

ISSN: 1056-697X

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 1718

LINE COUNT: 00133

... has been upgraded to perform better. Conclusion: It is possible to get good values, but **steals** are hard to **find** .

\* Z Auction ([www.zauction.com](http://www.zauction.com)) is **several steps** down from Onsale in terms of the quantity of merchandise offered. As with Onsale, once...



File 77:Conference Papers Index 1973-2001/Jul  
 (c) 2001 Cambridge Sci Abs  
 File 35:Dissertation Abs Online 1861-2001/Jul  
 (c) 2001 ProQuest Info&Learning  
 File 583:Gale Group Globalbase(TM) 1986-2001/Jul 21  
 (c) 2001 The Gale Group  
 File 65:Inside Conferences 1993-2001/Jul W4  
 (c) 2001 BLDSC all rts. reserv.  
 File 2:INSPEC 1969-2001/Jul W4  
 (c) 2001 Institution of Electrical Engineers  
 File 233:Internet & Personal Comp. Abs. 1981-2001/Jul  
 (c) 2001 Info. Today Inc.  
 File 99:Wilson Appl. Sci & Tech Abs 1983-2001/Jun  
 (c) 2001 The HW Wilson Co.  
 File 18:Gale Group F&S Index(R) 1988-2001/Jul 20  
 (c) 2001 The Gale Group

Set	Items	Description
S1	141503	(MULTI? OR NUMEROUS? OR MANY OR MANIFOLD OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	123309	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? OR TRICK? OR CHEAT? OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S3	5326407	COMPAR? OR CHECK? OR LIKEN? OR ANALOGI? OR ANALOGY? OR PARALLEL OR MATCH? OR EXAMIN? OR VIEW? OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (CROSS() (CHECK? OR REFERENCE?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW?
S4	3	(S1(2N)S3) (5N)S2
S5	7	(S1(2N)S3) (S) ((ELECTRONIC? OR CYBER OR ONLINE OR INTERNET) - (2N) (COMMERC? OR SHOPP? OR RETAIL? OR MERCHANDIS? OR MARKETING? OR TRANSACT?) OR E(2W)COMMERC?)
S6	53	(S2(5N)S3) (S) ((ELECTRONIC? OR CYBER OR ONLINE OR INTERNET) - (2N) (COMMERC? OR SHOPP? OR RETAIL? OR MERCHANDIS? OR MARKETING? OR TRANSACT?) OR E(2W)COMMERC?)
S7	133	(MULTI? OR NUMEROUS? OR MANY OR MANIFOLD OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (3N) (S2(5N)S3)
S8	0	S7 (S) ((ELECTRONIC? OR CYBER OR ONLINE OR INTERNET) (2N) (COMMERC? OR SHOPP? OR RETAIL? OR MERCHANDIS? OR MARKETING? OR TRANSACT?) OR E(2W)COMMERC?)
S9	48	(MULTI? OR NUMEROUS? OR MANY OR MANIFOLD OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (3N) (S2(2N)S3)
S10	16	(S2(2N)S3) (20N) ((ELECTRONIC? OR CYBER OR ONLINE OR INTERNET) (2N) (COMMERC? OR SHOPP? OR RETAIL? OR MERCHANDIS? OR MARKETING? OR TRANSACT?) OR E(2W)COMMERC?)
S11	15	RD (unique items)
S12	120	(LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN OR SEQUENC? OR RANK? OR SERIES? OR RANGE?) (5N) (S2(2N)S3)
S13	0	S12 (S) ((ELECTRONIC? OR CYBER OR ONLINE OR INTERNET) (2N) (COMMERC? OR SHOPP? OR RETAIL? OR MERCHANDIS? OR MARKETING? OR TRANSACT?) OR E(2W)COMMERC?)
S14	0	S12 AND ((ELECTRONIC? OR CYBER OR ONLINE OR INTERNET) (2N) (COMMERC? OR SHOPP? OR RETAIL? OR MERCHANDIS? OR MARKETING? OR TRANSACT?) OR E(2W)COMMERC?)
S15	65	(LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN OR SEQUENC? OR RANK? OR SERIES? OR RANGE?) (2N) (S2(2N)S3)
S16	9	S12 AND ((CREDIT()CARD?) OR VIRTUAL? OR DIGITAL? OR DIGICASH? (E(2W)TAIL?) OR (E(2W)MALL))
S17	9	RD (unique items)

scanned →

17/3,K/1 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
(c) 2001 ProQuest Info&Learning. All rts. reserv.

01661388 ORDER NO: AADNQ-29957

**VIRTUALITY AND REALITY OF A NEAR-OPTIMAL TIME-DELAYED TELEOPERATOR  
CONTROL SYSTEM BASED ON TELEPROGRAMMING PARADIGM**

Author: HAULE, DAMIAN DANIEL

Degree: PH.D.

Year: 1997

Corporate Source/Institution: MCGILL UNIVERSITY (CANADA) (0781)

Source: VOLUME 59/08-B OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 4327. 203 PAGES

ISBN: 0-612-29957-0

**VIRTUALITY AND REALITY OF A NEAR-OPTIMAL TIME-DELAYED TELEOPERATOR  
CONTROL SYSTEM BASED ON TELEPROGRAMMING PARADIGM**

...effects of communication delays in the order of seconds can be reduced by building a **virtual** reality simulated model of the remote site with which the operator can interact to receive...

...or hazardous environments. In addition, training the operators is time-consuming and costly. A simulated **virtual** reality based system will provide a means by which operators can be trained to operate...  
...cost-effective way. Operator interaction with the remote system is at a high, task-oriented, **level**. Real-time state **monitoring** can prevent **illegal** robot actions and provides interactive feedback. A teleprogramming based simulator is essential for cost-effective Teleoperator Interface & Training (TIT) using supervisory control approach. An intelligent **virtual** interface is required which provides a rich means of presenting diagnostic and visual state information...

17/3,K/2 (Item 1 from file: 583)  
DIALOG(R)File 583:Gale Group Globalbase(TM)  
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01612255

BANKS TO LAUNCH ATTACK ON **CREDIT CARD FRAUD**

FRANCE - BANKS TO LAUNCH ATTACK ON **CREDIT CARD FRAUD**

Echos (LE) 16 December 1987 p27

ISSN: 0153-4831

Language: French

BANKS TO LAUNCH ATTACK ON **CREDIT CARD FRAUD**

FRANCE - BANKS TO LAUNCH ATTACK ON **CREDIT CARD FRAUD**

An extended article looks at the plans of French banks to adopt a **series** of measures against **credit card fraud**. Proposed **measures** include introducing a **hologram** on all national **cards**, and introducing a **seven figure code**. The estimated 1987 loss due to **credit card fraud** is FF400m.

PRODUCT: **Credit Card Services**

17/3,K/3 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2001 Institution of Electrical Engineers. All rts. reserv.

6698306 INSPEC Abstract Number: B2000-10-7950-044

**Title: Tracking in the presence of range deception ECM and clutter by decomposition and fusion**

Author(s): Li, X.R.; Slocumb, B.; West, P.

Author Affiliation: Dept. of Electr. Eng., New Orleans Univ., LA, USA

Journal: Proceedings of the SPIE - The International Society for Optical

Engineering Conference Title: Proc. SPIE - Int. Soc. Opt. Eng. (USA)  
vol.3809 p.198-210

Publisher: SPIE-Int. Soc. Opt. Eng.,

Publication Date: 1999 Country of Publication: USA

CODEN: PSISDG ISSN: 0277-786X

SICI: 0277-786X(1999)3809L:198:TPRD;1-L

Material Identity Number: C574-2000-009

U.S. Copyright Clearance Center Code: 0277-786X/99/\$10.00

Conference Title: Signal and Data Processing of Small Targets 1999

Conference Sponsor: SPIE

Conference Date: 20-22 July 1999 Conference Location: Denver, CO, USA

Language: English

Subfile: B

Copyright 2000, IEE

...Abstract: and range false target ECM techniques for a radar system where the deception measurements have **virtually** the same angles as the target measurement. This DF approach has four fundamental components: (a) decomposing the validated measurements by determination of **range deception measurements** using hypothesis testing; (b) running one or more tracking filters using the detected **range deception measurements** only; (c) running a conventional tracking-in-clutter filter using the remaining measurements; (d) fusing...

17/3,K/4 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

6201910 INSPEC Abstract Number: C1999-05-7420-009

Title: Underwater vehicle synthetic environment demonstration: an overview

Author(s): Morrison, J.

Author Affiliation: Winfrith Technol. Centre, Defence Eval. & Res. Agency, Dorchester, UK

Conference Title: IEEE Oceanic Engineering Society. OCEANS'98. Conference Proceedings (Cat. No.98CH36259) Part vol.3 p.1387-91 vol.3

Publisher: IEEE, New York, NY, USA

Publication Date: 1998 Country of Publication: USA 3 vol. xxxi+1853 pp.

ISBN: 0 7803 5045 6 Material Identity Number: XX-1998-02845

U.S. Copyright Clearance Center Code: 0 7803 5045 6/98/\$10.00

Conference Title: IEEE Oceanic Engineering Society. OCEANS'98. Conference Proceedings

Conference Date: 28 Sept.-1 Oct. 1998 Conference Location: Nice, France

Language: English

Subfile: C

Copyright 1999, IEE

...Abstract: simulations to be integrated, visualised, manipulated and interacted with in near real time in a **virtual** world. This capability enables underwater system designs and concepts to be comprehensively prototyped, tested, verified and validated in a **virtual** world before manufacture. These benefits have the potential to reduce overall risks and costs. DERA...

... simulations. This data was combined using the distributed interactive simulation (DIS) protocol to link entity **level** simulations. A **stealth viewer** was used to visualise interaction of 3D entity models. The paper discusses the work conducted...

...Identifiers: **virtual** world

17/3,K/5 (Item 3 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

6190515 INSPEC Abstract Number: B1999-04-6320-016

**Title: A method for digital moving target track based on waveform analysis**

Author(s): Gao Miegao; Zhou Dongyou; Mao Erke  
Author Affiliation: Beijing Inst. of Technol., China  
Journal: Acta Electronica Sinica vol.26, no.12 p.112-14  
Publisher: Chinese Inst. Electron,  
Publication Date: Dec. 1998 Country of Publication: China  
CODEN: TTHPAG ISSN: 0372-2112  
SICI: 0372-2112(199812)26:12L:112:MDMT;1-N  
Material Identity Number: B902-1999-003  
Language: Chinese  
Subfile: B  
Copyright 1999, IEE

**Title: A method for digital moving target track based on waveform analysis**

Abstract: A new method for the **digital** moving target track based on waveform analysis has been presented. It determines range error by...

... accuracy and is easier for the waveform analysis tracking system to discriminate and to eliminate **deception** interface **compared** to the traditional split-gate **range** tracker system.

Identifiers: **digital** moving target tracking...

17/3,K/6 (Item 4 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

5540898 INSPEC Abstract Number: B9705-7970-004, C9705-7410-014

**Title: Target tracking in the presence of ECM: a filter design tool**

Author(s): Rago, C.; Mahra, R.K.  
Author Affiliation: Scientific Syst. Co. Inc., Woburn, WA, USA  
Conference Title: Proceedings of the Twenty-Ninth Southeastern Symposium on System Theory (Cat. No.97TB100097) p.514-18  
Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA  
Publication Date: 1997 Country of Publication: USA xix+554 pp.  
ISBN: 0 8186 7873 9 Material Identity Number: XX97-00692  
U.S. Copyright Clearance Center Code: 0 8186 7873 9/97/\$10.00  
Conference Title: Proceedings The Twenty-Ninth Southeastern Symposium on System Theory  
Conference Sponsor: Tennessee Technol. Univ. Dept. Electr. & Comput. Eng.; IEEE Comput. Soc.; IEEE Control Syst. Soc.; Center for Manuf. Res., Tennessee Technol. Univ.; Center for Electr. Power, Tennessee Technol. Univ.  
Conference Date: 9-11 March 1997 Conference Location: Cookeville, TN, USA

Language: English

Subfile: B C

Copyright 1997, IEE

...Abstract: and evaluate tracking filters to track highly manoeuvring targets in the presence of electronic counter **measures** (ECM) and **false** alarms using a monopulse **phase** array radar (MPAR). The goal is to keep track of the target 95% of the...

...Descriptors: **digital** filters

17/3,K/7 (Item 5 from file: 2)

DIALOG(R)File 2:INSPEC

(c) 2001 Institution of Electrical Engineers. All rts. reserv.

4818020 INSPEC Abstract Number: C9412-7810C-037

**Title: An interactive virtual reality simulation system for robot control and operator training**

Author(s): Miner, N.E.; Stansfield, S.A.  
Author Affiliation: Sandia Nat. Labs., Albuquerque, NM, USA  
Part vol.2 p.1428-35 vol.2  
Publisher: IEEE Comput. Soc. Press, Los Alamitos, CA, USA

Publication Date: 1994 Country of Publication: USA Vol. xli+3589 pp.

ISBN: 0 8186 5330 2

U.S. Copyright Clearance Center Code: 1050-4729/94/\$03.00

Conference Title: Proceedings of the 1994 IEEE International Conference on Robotics and Automation

Conference Sponsor: IEEE Robotics Autom. Soc

Conference Date: 8-13 May 1994 Conference Location: San Diego, CA, USA

Language: English

Subfile: C

**Title: An interactive virtual reality simulation system for robot control and operator training**

...Abstract: operators of these complex robotic systems is time-consuming and costly. In this paper a **virtual** reality based robotic control system is presented. The **virtual** reality system provides a means by which operators can operate, and be trained to operate...

...cost-effective way. Operator interaction with the robotic system is at a high, task-oriented, **level**. Continuous state **monitoring** prevents **illegal** robot actions and provides interactive feedback to the operator and real-time training for novice...

...Descriptors: **virtual** reality

Identifiers: interactive **virtual** reality simulation system...

17/3,K/8 (Item 1 from file: 18)

DIALOG(R)File 18:Gale Group F&S Index(R)

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04160109 Supplier Number: 63667952

**AMEX TAKES STEPS AGAINST CONVENIENCE CHECK FRAUD. (Brief Article)**

CardFAX, v2000, n125, p2

June 29, 2000

Language: English Record Type: Citation

Article Type: Brief Article

Document Type: Newsletter; Trade

**AMEX TAKES STEPS AGAINST CONVENIENCE CHECK FRAUD. (Brief Article)**

PRODUCT NAMES: 6141000 (Nonbank **Credit** Card Firms)

NAICS CODES: 52221 (**Credit** Card Issuing)

17/3,K/9 (Item 2 from file: 18)

DIALOG(R)File 18:Gale Group F&S Index(R)

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02536614 Supplier Number: 45766337

**Bank Fraud, the Old-Fashioned Way**

Business Week, p96

Sept 4, 1995

ISSN: 0007-7135

Language: English Record Type: Abstract

Document Type: Magazine/Journal; General Trade

**ABSTRACT:**

...In the long-term, online fraud may pass other the forms, which include ATM and **credit-card** fraud. Currently, about 60 bil checks are written every year in the US, with check fraud growing 136% from 1991 to 1993. Desktop publishing and other fast-growing technologies make **check** **fraud** increasingly simple. **Steps** that banks are taking to shield both themselves and customers include 'positive pay,' in which...

File 15:ABI/Inform(R) 1971-2001/Jul 23  
(c) 2001 ProQuest Info&Learning  
File 9:Business & Industry(R) Jul/1994-2001/Jul 23  
(c) 2001 Resp. DB Svcs.  
File 623:Business Week 1985-2001/Jul W4  
(c) 2001 The McGraw-Hill Companies Inc  
File 810:Business Wire 1986-1999/Feb 28  
(c) 1999 Business Wire  
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File 813:PR Newswire 1987-1999/Apr 30  
(c) 1999 PR Newswire Association Inc  
File 16:Gale Group PROMT(R) 1990-2001/Jul 23  
(c) 2001 The Gale Group  
File 160:Gale Group PROMT(R) 1972-1989  
(c) 1999 The Gale Group  
File 148:Gale Group Trade & Industry DB 1976-2001/Jul 23  
(c)2001 The Gale Group  
File 20:World Reporter 1997-2001/Jul 24  
(c) 2001 The Dialog Corporation  
File 634:San Jose Mercury Jun 1985-2001/Jul 20  
(c) 2001 San Jose Mercury News  
File 635:Business Dateline(R) 1985-2001/Jul 21  
(c) 2001 ProQuest Info&Learning  
File 570:Gale Group MARS(R) 1984-2001/Jul 23  
(c) 2001 The Gale Group  
File 47:Gale Group Magazine DB(TM) 1959-2001/Jul 23  
(c) 2001 The Gale group  
File 647:CMP Computer Fulltext 1988-2001/Jul W4  
(c) 2001 CMP  
File 674:Computer News Fulltext 1989-2001/Jul W2  
(c) 2001 IDG Communications

Set	Items	Description
S1	635580	(MULTI? OR NUMEROUS? OR MANY OR MYRIAD OR SEVERAL? OR VARIOUS? OR ABUNDANT? OR PLENTIFUL?) (2N) (LEVEL? OR LAYER? OR STAGE? OR TIER? OR STEP? OR PHASE? OR FACET? OR ASPECT? OR CHAIN - OR SEQUENC? OR RANK? OR SERIES? OR RANGE?)
S2	216335	HIERARCH? OR PLURAL?
S3	2896805	FRAUD? OR ILLEGAL? OR UNAUTHORIZ? OR UNAUTHORIS? OR UNLAWFUL? OR DISHONEST? OR DECEIT? OR DECEPT? OR FALSE? OR UNFAIR? - OR TRICK? OR CHEAT?OR STEAL??? OR THEFT? OR THIEVE? OR SWINDLE? OR SHAM? OR PRETEN? OR FAKE? OR HOAX? OR IMPOSTER?
S4	21440759	COMPAR? OR CHECK? OR LIKEN? OR MATCH? OR EXAMIN? OR VIEW? - OR WEIGH? OR MEASURE? OR CONTRAST? OR VERIF? OR CONFIRM? OR (-CROSS() (CHECK? OR REFERENC?)) OR CORROBORAT? OR MONITOR? OR SCRUTINI? OR REVIEW? OR FIND? OR IDENTIF?
S5	6088028	SOFTWARE? OR SOFT()WARE? OR AI OR (ARTIFICIAL()INTELLIGENCE) OR (NEURAL()NET?) OR PERCEPTRON? OR (PATTERN() (RECOGNITION OR CLASSIFICATION)) OR ((EXPERT OR INTELLIGENT) () (SYSTEM? OR - NETWORK?))
S6	9753279	INTERNET OR WWW OR (WORLD()WIDE()WEB) OR (WORLDWIDE()WEB) - OR WEBPAGE? OR WEBSITE? OR WEB() (PAGE? OR SITE?) OR ONLINE? OR ON()LINE?
S7	12162	((NEURO OR NEURON) () (NET? OR CONTROLLER? OR CHIP? OR TRANS-MI? OR COMPUT? OR PROCESS? OR EMULAT?)) OR NEURIST? OR NEURONET? OR NEUROCONTROL? OR NEUROCHIP? OR NEUROTRANSMIT? OR NEUROCOMPUT? OR NEUROPROCESS? OR NEUROEMULAT?
S8	241	(S1 OR S2) (10N) (S3(5N) S4)
S9	14	S8(20N) (S5 OR S7)
S10	10	RD (unique items)

S11 16 S8(S)(S7 OR S7)  
S12 11 RD (unique items)  
S13 25 S8(S)S6  
S14 12 RD (unique items)  
S15 9 S14 NOT (S10 OR S11 OR S12)  
S16 62 ((S1 OR S2)(10N)(S3(5N)S4)) AND ((S5 OR S7) AND S6)  
S17 35 RD (unique items)  
S18 24 S17 NOT (S10 OR S11 OR S12 OR S14)

18/3,K/1 (Item 1 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0828692 BW1031

**NEC TECHNOLOGIES 1: NEC Technologies' Newest Line of MultiSync LCD Monitors  
Emphasizes Versatility, Ease-of-Use**

March 31, 1998

Byline: Business Editors, Hi-Tech Writers

...views with one simple, fluid motion of the monitor,  
while the included Pivot(R) driver **software** from PDI and a single  
user-defined keystroke toggles the screen image between portrait and...

...the

universal security slot (seen for many years in notebook computers) to  
guard these new **monitors** against **theft** .

The **MultiSync LCD Series** also offers flexible mounting choices  
for both portrait and landscape modes. The monitors follow the...products c  
an be  
obtained by calling 800/NEC-INFO or by visiting NEC Corporation's **Web**  
**site** at [www .nec.com](http://www.nec.com).

CONTACT: NEC Technologies, Inc.  
Dave DeVries, 630/467-4552  
ddevries@necotech.com

KEYWORD...

...COMED PRODUCT

Today's News On The Net - Business Wire's full file on the **Internet**  
with Hyperlinks to your home page.  
URL: [http:/ www .businesswire.com](http://www.businesswire.com)

>

...

18/3,K/2 (Item 2 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0818607 BW0116

**LIGHTBRIDGE: Fast-Growing Telecommunications Providers Turn to  
Lightbridge's Telesto for a Competitive Edge**

March 09, 1998

Byline: Business/Technology Editors

...quick customer qualification  
and activation via an Intranet or Extranet connection.

-- Fraud Detect is a **multi faceted fraud** detection tool that  
**identifies** subscription **fraud** at the point of sale and prevents  
it from happening.

About Lightbridge

Lightbridge, Inc. (NASDAQ:LTBG), based in Burlington, Mass., is a  
leading provider of **software** -based services that help global  
telecommunications carriers quickly acquire customers and retain them  
over time...

...telecommunications marketplace.

Additional information on the company can be found on the Web at  
[http:/ www .lightbridge.com](http://www.lightbridge.com).

About EATEL

EATEL is a privately-owned telecommunications company



headquartered in Gonzales, LA...

...in its infancy, EATEL and its subsidiary companies today provide local and long distance service, **Internet**, paging, phone systems and PCS to residents and businesses in Louisiana. The company employs 314...

...ELECTRONICS  
TELECOMMUNICATIONS

Today's News On The Net - Business Wire's full file on the **Internet** with Hyperlinks to your home page.  
URL: [http:// www .businesswire.com](http://www.businesswire.com)

>

...

18/3,K/3 (Item 3 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0798105 BW1020

**MICROFRAME: MicroFrame's Sentinel 2000S Slimline Receives TELECONNECT's Editors Choice Award for January '98**

January 22, 1998

Byline: Business Editors

...J.--(BUSINESS WIRE)--Jan. 22, 1998--MicroFrame Inc. (NASDAQ:MCFR), a provider of hardware and **software** solutions for secured Remote Network Management systems, today announced the Sentinel 2000S(TM) Slimline as...

...port and provides central and/or local audit reports, and can also detect PBX toll **fraud** by **monitoring** CDR ports for activity that violates pre-defined threshold levels in various call classifications.

"The Slimline provides benefits to our customers for both network integrity and economic...

...7 days a week."

Headquartered in Edison, N.J., MicroFrame develops and manufactures hardware and **software** solutions for secured Remote Network Management systems for voice, video and data networks. Products are...

...e-mail: [lisa@mcfr.com](mailto:lisa@mcfr.com)

KEYWORD: NEW JERSEY

INDUSTRY KEYWORD: COMPUTERS/ELECTRONICS COMED

INTERACTIVE/MULTIMEDIA **INTERNET** TELECOMMUNICATIONS PRODUCT TRADESHOW

Today's News On The Net - Business Wire's full file on the **Internet** with Hyperlinks to your home page.  
URL: [http:// www .businesswire.com](http://www.businesswire.com)

>

...

18/3,K/4 (Item 4 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0764580 BW1116

**CLEAR COMMUNICATIONS: New Access Software From Clear Communications Enables Customer Network Management Of Transport Broadband Services**

October 28, 1997

Byline: Business/Technology Editors

**New Access Software From Clear Communications Enables Customer Network Management Of Transport Broadband Services**

...network management (CNM), today announced the release of ClearInterconnect(TM), the first truly multivendor CNM **software**, allowing carriers to offer secure, partitioned access to wholesale customers who wish to control their...

...carrier's network security because it can strictly control network views and authorizations. ClearInterconnect employs **multiple layers** of firewall protection against **unauthorized** intrusion.

"We are **finding** that service providers, as well as large corporate clients, are not only demanding direct access...

...to use existing bandwidth, is advantageous to the incumbent carrier. The need to add extra **intelligent network** elements solely to prevent intrusion by the service provider can be eliminated. The results are...

...the leader in customer network management through intelligence surveillance applications for the telecommunications industry, providing **software**-based solutions that enable the deployment of advanced communications services. Customers include the leading local...

...on Clear and its products, call 847-317-2500, or access the company via the **Internet** at: [www .clear.com](http://www.clear.com).

Note to Editors: ClearInterconnect is a trademark of Clear Communications Corporation.

CONTACT: C...

...ELECTRONICS TELECOMMUNICATIONS

Today's News On The Net - Business Wire's full file on the **Internet** with Hyperlinks to your home page.  
URL: [http:// www .businesswire.com](http://www.businesswire.com)

>

...

18/3,K/5 (Item 5 from file: 810)  
DIALOG(R) File 810:Business Wire  
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0718756 BW1168

**LIGHTBRIDGE 2: Lightbridge's Telesto offers Dobson Cellular Systems integrated customer acquisition solution**

June 30, 1997

Byline: Business/Technology Editors

...also integrate with Dobson Cellular Systems' current billing system.  
-- CAS(tm) (Customer Acquisition System), a **software**-based service that includes **online**, real-time transaction processing for the qualification and acquisition of applicants;  
-- InSight(tm), a customer...

...the need to re-qualify them and expedite the qualification process;  
-- Fraud Detect(tm), ~~a multi faceted fraud detection tool that identifies subscription fraud at the point of sale and prevents it from happening;~~  
-- ProFile(r), an inter-carrier database of accounts receivable

write-offs and service shut-offs that provides on line re-screening of potentially fraudulent applicants. ProFile covers 73 markets, 50 states and \$750 million...

...About Lightbridge

Lightbridge, Inc. (NASDAQ:LTBG), based in Waltham, Mass., is the leading provider of **software**-based services that help global telecommunications carriers quickly acquire customers and retain them over time...

...telecommunications marketplace. Additional information on the company can be found on the Web at [http:// www .lightbridge.com](http://www.lightbridge.com) .

About Dobson Cellular Systems

Dobson Cellular Systems is a subsidiary of Dobson Communications...

18/3,K/6 (Item 6 from file: 810)  
DIALOG(R)File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0696489 BW1317

**MICROFRAME: MicroFrame's Sentinel 2000 To Be Featured At NetWorld+Interop '97; Provides 'Virtual Tech' At Remote Equipment Sites 24 Hours A Day, 7 Days A Week**

April 28, 1997

Byline: Business/Technology Editors

...port and provides central and/or local audit reports. It also can detect PBX toll **fraud** by **monitoring** CDR ports for activity that violates predetermined threshold **levels** in **various** call classifications.

Other Sentinel 2000 features include:

- Auto-Pings to selected LAN elements for health...

...the state-owned Telecom Finland.

Headquartered in Edison, NJ, MicroFrame develops and manufactures hardware and **software** solutions for secured Remote Network Management systems for voice, video and data communications. Products are...

...Fax: 908-821-2537

KEYWORD: NEW JERSEY NEVADA

INDUSTRY KEYWORD: COMPUTERS/ELECTRONICS COMED

INTERACTIVE/MULTIMEDIA **INTERNET** PRODUCT TRADESHOW

18/3,K/7 (Item 7 from file: 810)  
DIALOG(R)File 810:Business Wire  
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0570594 BW0001

**IA: IA Corp. Announces New CheckVision Products; New CheckVision Archive Software Supports Short- and Long-term Check Image Archival With Dynamic, Multi-tiered Migration**

April 01, 1996

Byline: Business Editors/Computer Writers

**IA Corp. Announces New CheckVision Products; New CheckVision Archive Software Supports Short- and Long-term Check Image Archival With Dynamic, Multi-tiered Migration**

...corporations to view items and  
reject suspect checks before they are paid.

RemitVision remittance processing **software** includes:

- Integration of wholesale and retail lockbox applications for better ROI
- The first-on-the-market expansion to the bank's customer site
- **Online** remote exception processing with a link between bank customer and lockbox system
- New versatile archive...

...IA Corp., a

leading developer of image-based cash management and high-end workflow management **software**, announced today new CheckVision and RemitVision features to put **on line** banking and cash management functions at a customer's fingertips, as well as tackle such important industry issues as **check fraud**, **multi -tiered check archival** and system scalability and compatibility.

With such clients as Merrill Lynch, Fidelity Investments, Federal...

...image research and image enabled account reconciliation. CheckVision output can be on paper, CD or **online**. New features can create new fee-based services for banks and include:

CheckVision Archive -- provides...

...Processing) services with check images. A new fee-based service, it allows customers to go **online** and view reconciliation reports along with check images. CheckVision ARP also supplies monthly reports with...

...with check images

- CheckVision Research/Inquiry -- allows PC-based inquiry and retrieval of images

CheckVision **software** can be used in conjunction with customers' current systems adding new features to existing check...

...increases the overall return on investment.

Expanded New Features

New features include RemitVision Archive and **on line** remote exception processing with image output that can be integrated into existing Treasury Management Systems...

...bank customer

with a link into the lockbox production system.

"RemitVision is a 'Top Gun' **software** application for the highest-volume customers such as the top 125 banks," said Leger. WorkVision 4.0 **Software** Platform

CheckVision and RemitVision are built on the high-end, high-performance, object-oriented work management **software** platform, WorkVision. WorkVision incorporates workflow, document management, advanced work monitoring and object storage technologies suitable...

...extract the next most important work item.

WorkVision 4.0 Addresses Customer Needs and Traditional **Software** Limitations

In the past, other work flow **software** suffered limitations in managing high-volume, production-oriented transactions. WorkVision 4.0 has addressed customer...

...IA Corp., headquartered in Emeryville, Calif., is a provider of high-end, high-performance business **software** applications. Focusing currently on the dynamic, multi-billion dollar financial and banking industry, IA has...

...into other market segments

which have similar high-end application characteristics

Its object-oriented WorkVision **software** platform is a high-performance, enterprise-level, geographically distributed, client/server work management **software** product which is highly scalable. Application-specific frameworks, such as CheckVision and RemitVision, can be...94608-1840. Telephone: 510/450-7000. Fax: 510/450-7099

Email: info@ia-us.com Website : http:// www .ia-us.com.

CONTACT: IA Corp.

Thierry Leger, 510/450-6816

ThierryLeger@ia-us.com...

18/3,K/8 (Item 8 from file: 810)  
DIALOG(R) File 810:Business Wire  
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0568173 BW0002

**IA CORP 2: IA Corp. to Announce New Checkvision Products at BAI; New CheckVision Archive Software Supports Short- and Long-term Check Image Archival With Dynamic, Multi-tiered Migration**

March 22, 1996

Byline: Business Editors and Computer Writers

**IA Corp. to Announce New Checkvision Products at BAI; New CheckVision Archive Software Supports Short- and Long-term Check Image Archival With Dynamic, Multi-tiered Migration**

...IA Corp., a leading developer of image-based cash management and high-end workflow management **software**, will announce at the upcoming Banking Administration Industry (BAI) trade show, new CheckVision and RemitVision features to put on line banking and cash management functions at a customer's fingertips.

The new products tackle such important industry issues as **check fraud, multi tiered check** archival and system scalability and compatibility.

New CheckVision Features Create New Fee-based Services  
CheckVision...

...image research and image enabled account reconciliation. CheckVision output can be on paper, CD or **online**. New features can create new fee-based services for banks and include:

CheckVision Archive-- provides...

...Processing) services with check images. A new fee-based service, it allows customers to go **online** and view reconciliation reports along with check images. CheckVision ARP also supplies monthly reports with...

...with check images

--CheckVision Research/Inquiry--allows PC-based inquiry and retrieval of images

CheckVision **software** can be used in conjunction with customers' current systems adding new features to existing check...

...Corp., headquartered in Emeryville, Calif., is a provider of high-end, high-performance enterprise application **software** products. Focusing currently on the dynamic, multi-billion dollar financial services and banking industry. IA...

...94608-1840. Telephone: 510/450-7000.

Fax: 510/450-7099 Email: info@ia-us.com  
Website : http:// www ia-us.com.

CONTACT: IA Corporation  
Thierry Leger, 510/450-6816  
TerryLeger@ia-us.com...

...260-3908

mesadebra@aol.com

KEYWORD: CALIFORNIA

INDUSTRY KEYWORD: COMPUTERS/ELECTRONICS COMED PRODUCT  
INTERACTIVE/MULTIMEDIA INTERNET

18/3,K/9 (Item 1 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

02088106 SUPPLIER NUMBER: 19656364 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Local competition: Ameritech Communications selects Lightbridge's Telesto Customer Acquisition Solution for its new long-distance service. (Company Business and Marketing)**  
EDGE, on & about AT&T, v12, p21(1)  
August 4, 1997  
LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 596 LINE COUNT: 00058

... integrated solutions which are offered within the Telesto network:  
- Credit Qualification, a service that includes **online** , real-time transaction processing for the qualification of consumer and business applicants.  
- InSight, a customer...

...expediting the qualification process;  
- Fraud Sentinel suite of subscription fraud prevention solutions:  
- Fraud Detect, a **multi -faceted fraud** detection tool that **identifies** subscription **fraud** at the point of sale and prevents it from happening;  
- FroFiler, the most extensive inter-carrier database of accounts receivable write-offs and service shut-offs that provides **on -line** pre-screening of potentially fraudulent applicants. ProFile covers 75 markets, 50 states and \$750 million...

...address correction data sources.

Lightbridge, Inc., based in Waltham, Mass., is a leading provider of **software** -based services that help global telecommunications carriers quickly acquire customers and retain them over time...

...telecommunications marketplace. Additional information on the company can be found on the Web at [http://www .lightbridge.com](http://www.lightbridge.com).

Ameritech serves millions of customers in 50 states and 40 countries. Ameritech provides...

...services, including local and long distance telephone, cellular, paging, security monitoring, cable TV, electronic commerce, **on -line** services and more. One of the world's 100 largest companies, Ameritech ([www .ameritech.com](http://www.ameritech.com)) has 66,000 employees, 1 million shareowners and \$23 billion in assets.

18/3,K/10 (Item 2 from file: 275)  
DIALOG(R) File 275:Gale Group Computer DB(TM)  
(c) 2001 The Gale Group. All rts. reserv.

01254895 SUPPLIER NUMBER: 07000741 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Using an instructional LAN to teach a statistics course. (Univ of Texas)**  
Barnes, J. Wesley; Swehosky, Frank J.; Laguna-Castillo, Manuel

...ABSTRACT: microcomputer-based LAN to provide high-level personalized statistics instruction. The system includes instructional management **software** that interfaces with computer-delivered tests, CAI tutorials, and demonstrations and simulations, and it accesses an **online** statistics package during all phases of instruction. The system is built with IBM hardware; it...

... using a microcomputer LAN to interface computer-delivered tests, CAI tutorials, demonstrations, simulations and an **online** statistics package with an instructional management **software** package. The management package performs the duties of maintaining student and course records, computing course...

...efficient management of the course. A unique feature of the project is that the management **software** also allows access to a high-quality, **online** statistics package during all phases of instruction, including testing.

The pedagogical rationale of the project...

...nature of computer-managed and -assisted instruction. Integrating the tutorial and test environments with the **online** statistical package allows students to focus on learning the concepts and analysis techniques in a...

...to service as many as 48 remote learning stations. The LAN is associated with five **software** modules: the IBM Local Area Network Program (Version 1.10), the CMI management module, the...

...Technique model, which provides a means for describing and tracking the work done on the **software** products that make up the courseware. This technique has been integrated with the Dick and...

...Once the files arrive at the learning stations, they operate independently.

Two pieces of support **software** were used to translate the pedagogical design into lessons and tests. Private Tutor Version 2...

...the creation of several standard test items or test forms. In effect, both of these **software** tools allow the pedagogical designers to also be the programmers with little difficulty.

Course Structure...constructed for use in the ME335 project are limited to four kinds of questions: true-false, matching, ranking and multiple-choice.

Since a student may take more than one test for a particular unit, multiple...

...CAI tutorials are managed by the Presenter Program of the Private Tutor Version 2.0 **software** package. Private Tutor allows the use of both a non-interactive (Text) and three different...

...the answer to the previous screen. Branching can be used to access the statistical analysis **software** during the presentation.

At the end of a tutorial session, the student's performance in...

...only one location and are easily changed using the powerful editing capabilities of the microcomputer **software** that has been employed.

4. The students taking the class under the LAN-based system...

**Which HSM Features Does Your Company Need?**

Open Computing August 1994; Pg 86; Vol. 11, No. 8

Journal Code: UNIX ISSN: 0739-5922

Section Heading: Products

Word Count: 314 \*Full text available in Formats 5, 7 and 9\*

BYLINE:

D.L.

TEXT:

There are **many** different **levels** of HSM, and the **trick** is **matching** your company's needs with the right level. Here's a brief summary explaining how...

...match HSM features for your organization using HSM Levels:

If you're looking for HSM **software** to migrate older files to free up disk space, and your users can put up...

... as tape, then you should consider cheaper HSM Level 0 products. At this level, HSM **software** only migrates files to secondary devices but requires manual intervention to bring the files back **online**. Organizations that maintain a lot of older, rarely accessed files are good candidates for HSM Level 0 **software**.

If you need to free up your primary storage device by automatically migrating older files...

... the files to remain accessible by the users, then you probably need HSM Level 1 **software**. Organizations-such as design shops-that use many CAD/CAM files or other large image...

...two or more levels of a storage hierarchy, then you'll need Level 2 HSM **software**.

If you need three separate hierarchies that include optical disk, tape, and volume management, then...

18/3,K/12 (Item 1 from file: 621)

DIALOG(R) File 621:Gale Group New Prod.Annou.(R)

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02543536 Supplier Number: 62831684 (USE FORMAT 7 FOR FULLTEXT)

**ACOM's Enterprise Payment Manager Blends Paper-Based, Electronic Processes, Provides Unprecedented Configuration Flexibility.**

Business Wire, p0338

June 20, 2000

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 536

... Payment Manager provides all of this capability in a single platform, working with all financial **software** packages and bringing our customers the flexibility to configure their systems for maximum security, efficiency...

...laser-printed remittance advice

- Features its own MS-SQL database
- Works with all financial management **software** packages
- Local or remote payments; remote check and remittance advice printing
- Payee and checkbook disbursement...

...Checks module with ACH capability

- Networked and cluster printing support

Key Security features



- Positive Pay ~~Check~~ **Fraud** Avoidance
- **Multi -level** Security down to the user level for:
  - Batch Access
  - Branch Processing
  - Departmental Processing
  - Checkbook access...

...solutions that integrate with enterprise applications to enhance back office and B2B processes for electronic, **Internet** and paper-based commerce. ACOM solutions run host-resident on the AS/400 platform as well as in the Microsoft Windows and client-server environments. Solutions include hardware-**software** MICR laser payment processing systems; electronic data interchange (EDI) solutions for e-commerce between multiple trading partners; **Internet** -based commerce solutions; and electronic document systems for laser printer generation of business and financial forms, checks barcodes and labels. ACOM solutions are compatible with all financial management/ERP **software** . Contact ACOM at 2850 E. 29th St., Long Beach, Calif. 90806; telephone 562/424-7899; fax 562/424-8662; e-mail gchurch@acom.com; Web: [www .acom.com](http://www.acom.com).

18/3,K/13 (Item 2 from file: 621)  
 DIALOG(R)File 621:Gale Group New Prod.Annou.(R)  
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02163760 Supplier Number: 55662222 (USE FORMAT 7 FOR FULLTEXT)  
**Tripwire Protects Operating System Files and Guards Against 'Backdoors'.**  
 PR Newswire, p1707  
 Sept 6, 1999  
 Language: English Record Type: Fulltext  
 Document Type: Newswire; Trade  
 Word Count: 630

... last week that Microsoft Corp. included a digital "NSA signing key" in its Windows NT **software** raised concern about security vulnerabilities inherent in **software** and highlights the need for end-users to secure their computer systems. Tripwire Security Systems...

...knowledge. The fact that a replacement key, or another backdoor, could be embedded into any **software** shows the importance of security technologies that monitor changes to operating system files. While this...

...face. If your system files are compromised, your entire corporate network is easy to compromise."

On -line discussion groups, such as NT BugTraq, were quick to understand the implications of this vulnerability...  
 ...can be found in unexpected places, comprehensive security should be an in-depth endeavor involving **multiple levels** of protection, and system files should be **monitored** for **unauthorized** changes."

Tripwire was developed in 1992 for intrusion detection purposes. It is a flexible tool with multiple applications including damage assessment and recovery, **software** verification, auditing, and policy compliance. It is also being utilized by organizations as a part of Y2K preparations. Tripwire can enforce system lockdowns, ensuring that untested **software** is not installed on Y2K compliant systems. It will also be effective in the event...

...to the date change.

About Tripwire Security Systems Inc.

TSS is a Portland, Oregon-based **software** company specializing in system security, audit and policy compliance applications. The company is developing a...

...available since January 1999. More information on Tripwire can be found on the company's **web site** , [http://www .tripwiresecurity.com](http://www.tripwiresecurity.com) .

For more information contact: Kelly Hansen of Tripwire Security

18/3,K/14 (Item 3 from file: 621)  
DIALOG(R) File 621:Gale Group New Prod.Annou.(R)  
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01678870 Supplier Number: 50173315 (USE FORMAT 7 FOR FULLTEXT)  
**Dr Solomon's Software Launches Anti-Virus Toolkit for Solaris and Digital Alpha**  
PR Newswire, p716HSTH006  
July 16, 1998  
Language: English Record Type: Fulltext  
Article Type: Article  
Document Type: Newswire; Trade  
Word Count: 835

**Dr Solomon's Software Launches Anti-Virus Toolkit for Solaris and Digital Alpha**  
Reach Across the Enterprise

BURLINGTON, Mass., July 15 /PRNewswire/ -- Dr Solomon's **Software** (Nasdaq: SOLLY; Easdaq: SOLL), the worldwide leader in computer virus detection, identification and disinfection, today announced a new version of its industry-leading anti-virus **software** solution, the Anti-Virus Toolkit, for Sun Microsystems' (R) Solaris(TM) enterprise computer operating system...

...protection for Windows."

"More and more users are sharing data across intranets, extranets and the **Internet**, increasing the potential that applications, workstations and servers are exposed to viruses," said Brian Gentile, vice president of market development and **software** services, Sun Microsystems. "We are pleased that Dr Solomon's is porting its Anti-Virus...

...Heuristic Analysis functionality which has the ability to detect new macro viruses without a costly **false** alarm problem. **FindVirus** also has the ability to scan recursively inside **multiple layers** of compressed and archived files where many viruses remain undetected by competing products.

Pricing and...

...virus emergency support, major maintenance releases and beta testing opportunities.

Company Background

Dr Solomon's **Software** is the world's leading developer of computer virus detection, identification and disinfection tools for...

...major operating systems, groupware applications and e-mail. Dr Solomon's also develops solutions for **software** and hardware auditing, network management and system administration.

Founded in 1984, Dr Solomon's **Software** has an installed user base exceeding 20 million worldwide and employs more than 500 staff...

...1296-318-700 in the U.K. or elsewhere, or visit the Dr Solomon's **Web site** at [www.drsolomon.com](http://www.drsolomon.com). For investor information, please contact Shandwick Consultants Limited at +44-(0)-171-329...

...August 13, 1998, although there can be no assurance to that effect.

Dr Solomon's **Software** is a registered trademark of Dr Solomon's **Software** Limited. All other trademarks are the property of their respective owners.

SOURCE Dr. Solomon's **Software**

anne.beitel@drsolomon.com; or Adam Castellani of Alexander Communications,  
404-897-2300, or acastell@alexandercom.com, for Dr Solomon's **Software** /

/Web site : http://www.drsolomon.com/  
(SOLLY NETA)

CO: Dr. Solomon's **Software** ; Networks Associates, Inc.  
ST: Massachusetts  
IN: CPR  
SU: PDT

DM

-- HSTH006 --

9722 07/16/98 09:16 EDT http://www.prnewswire.com

COMPANY NAMES: Dr. Solomon's **Software** Inc.  
NAICS CODES: 51121 (**Software** Publishers)

18/3,K/15 (Item 1 from file: 16)  
DIALOG(R) File 16:Gale Group PROMT(R)  
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05341341 Supplier Number: 48126385 (USE FORMAT 7 FOR FULLTEXT)

**Weaving The Web Fantastic II**

Santalessa, Rich

InternetWeek, p73

Nov 17, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 4083

... room for improvement.

The bottom line is that FrontPage 98 is now a first-class **Web site** authoring system. It won't replace a professional on-staff Web designer any time soon...

...0, NetObjects has corrected several of 1.0's major annoyances--the inability to import **Web sites** springs immediately to mind--and improved 2.0's overall speed and features.

If you...

...version, called 2.0.2 which is available as a free download off of NetObjects' **Web site** . This update still manages to bring significant value to this product, including better support for...

...Web spinning greatly rewards up-front planning. It's certainly possible to piece together a **Web site** 's structure as you create pages in Fusion, and the ability to remap a site...

...makes false starts easy to correct, but Fusion's on to something here.

Too many **Web sites** are developed in a scattershot fashion, creating problems down the road that a little planning would have avoided.

Fusion delivers its **Web site** legerdemain through four main views--Site, Page, Assets and Publish. At start-up you're...

...s likewise where your site's jump-started into life when you define pages, establish **hierarchies** and later manage the site's growth. The **deceptive** simplicity of the Site view belies Fusion's sophisticated underpinnings.

For example, you can apply one of the 50 bundled graphic styles, or your own created style, across an entire **Web site** from the Style view. And if you tire of one look you can select and...

...uses this style if you've set up a MasterBorder. MasterBorders are margin areas of **Web pages** holding "master" elements that can be navigational graphic buttons, text links, company copyright statements,

contact...

...borders or through frames. If you've ever coded navigation bars by hand for a **Web site**, you've wished for this feature.

Creating page "place-holders" in the Site view is...

...view.

The PageDraw editor isn't just show, it works like most corporate-level DTP **software** packages, complete with text styles, and text and image boxes you draw on the page...

...between text boxes, which alone single-handedly banished X-acto knives from publishing.

Unlike DTP **software**, Fusion isn't all text and no media. You can add forms, ActiveX controls, Java format proposed by Apple as an **Internet** standard and also backed by companies such as Netscape, Excite and XSoft. These companies hope it will be adopted and allow developers to create better **Internet** data access tools for publishing database and legacy data content.)

And after you've created...

...less about HTML coding and would rather concentrate on the look and feel of your **Web pages**, Fusion's the tool of choice.

SoftQuad HotMetaL Pro 4.0

Firmly established as an...

...HTML authoring suite for several years now, SoftQuad's HotMetaL Pro 4.0 was making **Web pages** before the **Internet** was cool. Though slowly losing market share to more innovative competition, SoftQuad is fighting back...

...The Editor now conforms to HTML 3.2 and can handle all Netscape 3 and **Internet Explorer** 3.0 extensions, as well as HTML 4.0 support to the extent provided...

...a site--a tree view, a file view and a cyberbolic view that maps complex **Web sites** in a unique and effective three-dimensional spheroid way.

Via the Site Maker component, Information...

...out the page-creation wizards to apply coordinated "Web Decor" graphics elements. The Site Maker **software** offers close to 90 page template layouts in four general categories--Intranet, Personal, Company and...

...SoftQuad has made some admirable additions.

There's a special visual dynamic keyboard and a **Web page** accessibility checker.

Befitting a tool of its breadth, HotMetaL Pro doesn't disappoint when it...

...CSS Editor highlights a crucial truth about HotMetaL Pro 4.0: The surfeit of options, **software** and features are nearly overwhelming at times, a strength or weakness depending on your viewpoint ...Visual Cafe Java development environment, this is a capable tool for small-to-medium-sized **Web site** design that includes version control and project management features you'd expect from more expensive...

...the Site Window button on the main tool bar, select your current or any other **Web site** local directory, and all the directories, text, HTML and your varied graphics files appear in...

...source-editing window and a built-in preview mode. Visual Page can display a single **Web page** simultaneously in all three modes, each appearing in a different window. The HTML source-editing...

...that rival similar solutions coming out of Redmond.

Many HTML editors balk when importing complicated **Web pages**. Not Visual Page. During testing we scooped down pages packed with Java, JavaScript, multiple tables...

...Visual Page current Symantec's now familiar LiveUpdate feature can automatically download and install any **software** updates--a feature that much of the competition would do well to incorporate. Visual Page...

...345 Park Ave.

San Jose, Calif. 95110-2704

408-536-6000

Fax: 408-537-6000

[www.adobe.com](http://www.adobe.com)

Requirements: Macintosh: 68040 or faster processor; 8 MB RAM; 10 MB hard drive...Santa Clara, Calif. 95052

Voice: 408-727-8227, 800-544-8554

Fax: 408-987-7333

[www.claris.com](http://www.claris.com)

Requirements: Windows: 4 MB hard drive space; Windows 95 or Windows NT 3...

...Menlo Park, Calif. 94025

Voice: 800-554-6638; 650-463-1580

Fax: 650-463-1598

[www.golive.com](http://www.golive.com)

Requirements: Power Macintosh; 8 MB RAM; 8 MB hard drive space; System 7...

...San Francisco, Calif. 94103

Voice: 800-288-4797, 415-252-2000

Fax: 415-626-0554

[www.macromedia.com](http://www.macromedia.com)

Estimated street price: \$499, special introductory pricing of \$299 (street) until Feb. 28...

...1 Microsoft Way

Redmond, Wash. 98052-6399

Voice: 800-426-9400

Fax: 425-936-7329

[www.microsoft.com/frontpage/](http://www.microsoft.com/frontpage/)

Requirements: 486 or faster processor; 36 MB hard drive space; Windows 95...

...2055 Woodside Rd.

Redwood City, Calif. 94025

Voice: 415-482-3200

Fax: 415-562-0298

[www.netobjects.com](http://www.netobjects.com)

Requirements: 16 MB RAM (24 MB recommended). Macintosh: Power Macintosh; 10 MB hard...

...Corp.

1 Alewife Center

Cambridge, Mass. 02140

Voice: 617-671-2000

Fax: 617-671-2001

[www.allaire.com](http://www.allaire.com)

Requirements: 486/66 or faster; 16 MB RAM; 3.75 MB hard drive...

...Box 2025

Toronto, Ontario M4R 1K8

Canada

Voice: 416-544-9000

Fax: 416-544-0300

[www.softquad.com](http://www.softquad.com)

Requirements: 16 MB RAM; 30 MB hard drive space; Windows 95 or Windows

...

...95014

Voice: 408-253-9600, 541-334-6054, 800-441-7234

Fax: 541-984-8020

[www.symantec.com](http://www.symantec.com)

Requirements: 486/66MHz minimum, Windows 95 or Windows NT 4.0, 8 MB...

...and good luck--unless you define some careful ground rules, that is. To put the **software** through their paces, we took a three-pronged approach, testing whether programs were suitable for complex Web authoring, simple page creation and offered any site management tools.

**Software** designed to make page creation as easy as possible should sport features such as wizards...

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...and DHTML abilities scored higher, as did packages with integrated graphics tools.

To test each **software** package's prowess at existing site modifications, we downloaded three **Web sites**: a personal **Web site** of simple pages, InternetWeek's **Web site** to three levels; and a Web design firm's site, which was heavily weighted with...

...In addition, we used a W3C HTML test page to gauge how each of the **software** handled all of HTML 3.2's tags.

Also, the quality of HTML output was reviewed with Windows versions of MS **Internet Explorer** versions 3.2 and 4.0, Netscape Navigator 3.02 and Communicator 4.03...Honors

And the winner is....Power, poise and performance are the three p's of **software** testing.

And when it comes down it, GoLife's CyberStudio and Microsoft FrontPage 98 displayed.

PRODUCT NAMES: 7372682 (Internet Server Software )

NAICS CODES: 51121 (Software Publishers)

18/3,K/16 (Item 2 from file: 16)

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2001 The Gale Group. All rts. reserv.

04084345 Supplier Number: 45949381 (USE FORMAT 7 FOR FULLTEXT)

17-inch monitors: Big screen test, take 10, part 2

InfoWorld, p074

Nov 20, 1995

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 5065

... 6.7

ViewSonic 17PS

ViewSonic Corp.

Walnut, Calif.

(909) 869-7976

fax: (909) 869-7958

World Wide Web : <http://www.viewsonic.com>

(Weighting) Performance

Setup and usability (200) Very Good 150.00 With only two simple control buttons and two arrows for navigation, the ViewSonic 's control panel is **deceptively** simple: The **hierarchical** on-screen menu it controls is inclusive. We did need to refer to the documentation...

...available weekdays from 7 a.m. to 6 p.m. Pacific time. Also available are on-line support via the World Wide Web and a troubleshooting guide accessible through a fax-back system.

Technical support (75) Excellent 75...baked-on antiglare treatment. Look for thin film, because thick film can cause muddied images.

\* **Software** /hardware display utilities: Additional **software** that allows you to control image quality via the mouse and keyboard.

\* SuperErgo coating: Nanao...make repetitive stress injury not just for wrists anymore.

#### WEB PITFALLS

If you're designing World Wide Web pages on a 17-inch or larger monitor, Jack Roberts, an analyst for Dataquest Inc., reminds...

...consider format and size when creating and placing print ads, so should you design your Web pages with your customers' browsing capabilities (and limitations) in mind. The bottom line: make a dry...

...they also accommodate more spreadsheet columns, more drawing and designing workspace, and bigger views of World Wide Web pages than their 14- and 15-inch counterparts.

All the monitors we looked at provide an...

...Electronics America's SyncMaster 17 GLsi combines some of the best features of hardware and **software** control.

Nokia Display Products Inc.'s 447W has a broad range of adjustments, coupled with...747-6886).

Some of the monitors we reviewed provide the capability (through an additional hardware/**software** utility) to make adjustments to the monitor settings via the keyboard and mouse. The final...expense. Some tools depend almost totally on your subjective visual judgment; others implement more sophisticated **software** or hardware-**software** combinations. Costs

increase accordingly.

TURN ON, TUNE IN. The least expensive fixes are the monitor...

...is built right in to the operating system, in the form of ColorSync.

AUTOMATIC, SYSTEMATIC. **Software** -only calibration solutions have a fundamental problem: They depend on users' subjective perceptions of brightness...

18/3,K/17 (Item 1 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

12098162 SUPPLIER NUMBER: 61640342 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Getting started.**

Rainford, Cheryl

Successful Farming, 98, 5, 10

March 15, 2000

ISSN: 0039-4432

LANGUAGE: English

RECORD TYPE: Fulltext

WORD COUNT: 918

LINE COUNT: 00075

... you might like to get wired? If so, ask yourself how you will use the **Internet** and how much time you might be spending **online**. Then, ask your Netsavvy friends and neighbors about their **Internet** Service Providers (ISPs).

ISPs are companies that link computers to the **Internet** via modems. Important things to consider in choosing an ISP are tech support, toll-free ...

...can use to build your own site (if you want to).

If you can get **online** at a friend's house or at your public library, you can gather a great deal of information about the different ISPs from their **Web Sites**.

One to visit is America **Online** (AOL). ([www.aol.com](http://www.aol.com)). This nationwide **online** service is good for beginners, since it has **software** that is easy to install as well as knowledgeable and accessible tech support. Prodigy ([www.prodigy.com](http://www.prodigy.com)) and EarthLink ([www.earthlink.com](http://www.earthlink.com)) are similar options. The prices of such services are roughly comparable, but look...

...another choice. They cost about the same, but let you have more control over the **software** you use. To find one near you, visit [www.thelist.com](http://www.thelist.com), a buyer's guide to ISPs with 8,300 listings.

That latest option...

...spend less time waiting for sites to load. You can find a DSL provider at [www.dslreports.com](http://www.dslreports.com).

How to search

Finding things on the Web can be a challenge. Information...

...first time. Knowing how to use the different tools and search engines available on the **Internet** can mean the difference between endless hours of searching and actually finding what you need...

...you have no idea where to start, visiting a general-interest search directory like Yahoo ([www.yahoo.com](http://www.yahoo.com)), or a search engine like Alta Vista ([www.altavista.com](http://www.altavista.com)), Lycos ([www.lycos.com](http://www.lycos.com)) or Excite ([www.excite.com](http://www.excite.com)) would be a good idea. HotBot ([www.hotbot.com](http://www.hotbot.com)) and Northern Light ([www.northernlight.com](http://www.northernlight.com)) are two more worth trying. For the best results type specific words describing...

...that site developers hide in their pages. Search directories, like Yahoo, group sites into complex **hierarchies**.

Each tool "thinks" differently. The **trick** is to find one that thinks the same way you do. Try

Them all and see which ones...



...and see what you get. Need a crop report from the government? Visit the USDA Web site ([www.usda.gov](http://www.usda.gov)). Want to know how to keep moles out of your lawn? Start with the Extension service ([www.reusda.gov](http://www.reusda.gov)). Many sites have search tools of their own, so once you get there you can search precisely for the information you need.

Hassle-free e-shopping

Online shopping doesn't have to be a venture into the unknown. Before you shop online, think about which companies have already earned your trust and seek them out.

Start with the familiar

Some of the best online shopping opportunities are with well-known mail order and "bricks and mortar" companies. Sears ([www.sears.com](http://www.sears.com)), JC Whitney ([www.jcwhitney.com](http://www.jcwhitney.com)) and Gempler's ([www.gemplers.com](http://www.gemplers.com)) come to mind. E-shopping experiences at sites like these are similar to...

...and distribution systems to support orders. But, this doesn't mean there aren't trustworthy online-only retailers. Books and music upstart Amazon.com ([www.amazon.com](http://www.amazon.com)), arguably, has the e-commerce business figured out.

Be a wise consumer

At...

...your browser is secure. If a deal seems questionable, visit the Better Business Bureau at [www.bbbonline.com](http://www.bbbonline.com). The organization shares online shopping tips and has a "reliability seal" program for dependable e-merchants.

If privacy is a concern, TRUSTe ([www.truste.org](http://www.truste.org)) certifies sites that meet stringent privacy standards for the way they handle personal...

COMPANY NAMES: America Online Inc...

DESCRIPTORS: Internet --...

...Web sites --

18/3,K/18 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

09884135 SUPPLIER NUMBER: 20012890 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Weaving the Web fantastic. (nine Web authoring software

packages) (includes related articles on testing methodology, Best of Breed winners, and table of features) ( Software Review) (Evaluation)

Santalessa, Rich

InternetWeek, n690, p73(12)

Nov 17, 1997

DOCUMENT TYPE: Evaluation LANGUAGE: English RECORD TYPE: Fulltext

; Abstract

WORD COUNT: 10011 LINE COUNT: 00787

Weaving the Web fantastic. (nine Web authoring software

packages) (includes related articles on testing methodology, Best of Breed winners, and table of features) ( Software Review) (Evaluation)

...ABSTRACT: 98 are the highest rated products in this review of nine Web authoring tools. Creating Web sites is much more complex than it was just over three years ago, requiring file, directory...

Today, managing a full-bore corporate Web site bears more than a passing resemblance to pulling off a moon launch-demanding companywide coordination...

...and technologies. In short, the sky's and bandwidth's the limit to what your Web site offers, but the entire ball of wax all still revolves around HTML.

The first HTML...

...HTML is still the preferred choice of many Web experts, developing and

maintaining an entire **site** this way is like building a house without power tools--an interesting experiment, but hardly...

...construction pays your bills.

The construction metaphor is particularly appropriate. As with any building, a **Web site** lacking a solid foundation quickly falls. But a **Web site**'s foundation is proper management of all its files, directories and links, and these seem...

...sized site. Following this logic, the flip side to making it easier to stamp out **Web pages** is a tool that can manage and restructure your changing site. Luckily, as HTML authoring...

...as a slew of new and complex Web technologies have burst onto the scene. Enhancing **Web sites** with pre-Dynamic HTML (DHTML), CSS, scripts and pre-Extensible Markup Language (XML) demand the...

...garnered a great deal of press, primarily because it holds the potential of halting the **World Wide Web Consortium's** endless efforts to catch up in codifying and approving HTML tags (be sure to check out our XML tutorial in an upcoming issue). After all, the **World Wide Web Consortium (W3C)** only managed to formalize HTML support for features already widely deployed such as...

...working to add existing XML definitions to their browsers. For more information on XML, visit [www.w3.org/XML](http://www.w3.org/XML).

The Web Spins Larger

As Web authoring becomes increasingly complex and the **Internet** diffuses into **software**, programs from word processors to databases all now export to HTML. This means the ability...

...HTML and integrate HTML from other sources grows in importance.

Similarly, tools recognizing that modern **Web sites** are the work of many people across different departments also get a nod. To this...

...to humans.

With a few exceptions, this practice is gradually fading as sophisticated WYSIWYG **Web software** answers the call to merge graphical design with direct text-coding power. Most of these...

...text-based HTML editor's bit-level power is crucial and difficult to relinquish.

But **Web sites** don't live by HTML code alone. First, you have ... is asking for major trouble--whether you're managing a development team for an external **Web site** or managing users on an intranet. Don't think so? After your first "er, ahem..."

...page production while controlling access to that production guarantees a less frenetic life as a **Web site** manager. For departmental users, an easy-to-use, page-focused HTML authoring package is the...

...downloads, don't sell such access short when making a purchasing decision. This being the **Internet** age, every tool we tested is available as a free downloadable trial version. The best...

...indent HTML.

Simple or not, PageMill supports Java applets, plug-ins, .PDF files, QuickTime and **Web page** add-ons. The CD holds a bounty of utilities and information, including HTML tutorial information, Virtus 3-D **Website** Builder, O'Reilly's **Website 1.1** Web server, PhotoShop SE (which is actually PhotoShop 3.05), a large selection **Internet** for Windows 95" or "Java in a Nutshell," both published by O'Reilly and Associates...

...PageMill calls upon a floating, context-sensitive property Inspector palette to modify most page and **Web page** element settings. PageMill's Inspector isn't as comprehensive as CyberStudio's, but together with...

...the Web's HTML wunderkind, PageMill is still a good choice for anyone who creates **Web pages** on a periodic basis. The simple operation and

straightforward structure mean you won't waste...

...a keystroke away. Hit F2 and a thorough guide to HTML tags and other HTML **software** and resources pops up.

Despite an interface sporting more tabs, buttons, tool bars and panels

...

...overview of Projects, Snippets (which acts as a storage library) and HomeSite's very thorough **online** help system. You can move the Resource Tab to any side of HomeSite's window...image maps, raw HTML editing--the fundamentals are all here. But Home Page suffers from **software** schizophrenia, particularly on the Windows side. It's neither simplistic nor easy enough for rank...

...transparency. Home Page ultimately plumbs HTML's depths to accomplish virtually anything possible on a **Web page**, but arriving at a finished result is more awkward than it should be. Still, there...

...version 3.07.

GoLife CyberStudio 2.0.1

Who says there isn't any great **software** for the Mac anymore?

CyberStudio 2.0.1 is an awesome Web tool that spans...

...would expect from a full-digit upgrade. The latest CyberStudio now adds visual link checking, **Web site** administration, sitewide spell checking, WYSIWYG frames support, ActiveX support, WebObjects integration, improved table editing and...

...tabs to control a selected element's properties.

Floating palettes allows easy access to all **Web page** operations. For instance, to position an element on a grid, you drag the element icon s top-down **Web site** approach, trusting to a Project metaphor instead. The Project's palette reveals page relationships in...

...extremely slick. Also nearly unique is CyberStudio's support for multiple-server environments, enabling your **Web site** to span servers.

CyberStudio is the Web tool that keeps on giving.

Every time you...

...reached the limits of its power, new options turn up. Use a Mac? Serious about **Web site** design? If you answered yes to both, you need CyberStudio.

Macromedia Dreamweaver 1.0

If...

...a text-editor afterburner. In fact, Dreamweaver will ship with full versions of Bare Bones **Software** 's BBEEdit on the Mac and Allaire's HomeSite 3.0 on Windows.

Another Dreamweaver...

...worthy of the United Nations brokering world peace. If you make a living working on **Web pages**, keep an eye on Dreamweaver.

Microsoft FrontPage 98

What a difference a version number makes...

...starters, several new views have been added to help turn the Explorer into a viable **Web site** tool. The seven views break down into the following: Folders, All Files, Navigation (new), Hyperlink...

...new) and Tasks (new). Together the views offer different ways to control and manage growing **Web sites**.

For instance, in the new Navigation view, you can define navigation hierarchies for use in...

...text, (including company header and footer information) on a page or sitewide basis. Mapping a **Web site** 's structure is now easier, too, since you can print out the graphic Navigation view. Don't like a navigation link? Made a mistake setting up your **Web site** directory

structure? Moving or completely deleting pages in the Navigation view is now child's stamp out **Web sites**, FrontPage adds several wizards and templates to handle customer support, corporate, personal and project **Web sites**. There is also a discussion group Web wizard that ties to FrontPage extensions running on...

...simple, but full-featured, message board. Thirty-eight individual page templates handle nearly every common **Web page**. For intranet efforts, Microsoft offers a free Office 60 Minute Intranet Kit for Office 97...  
...useful, however, was the built-in spell checker, which can check and correct your entire **Web site** of potentially embarrassing misspellings.

Importing existing **Web sites** is a piece of cake. Enter a URL, select how many levels to scoop in...

...RTF, Works 3/4, Word 4/5 for Macintosh and HTML Files.

Not surprisingly, the **software** includes significant support for Microsoft's own **Internet Explorer 4.0** and that product's latest features--including Dynamic HTML font effects (unfortunately...

...room for improvement.

The bottom line is that FrontPage 98 is now a first-class **Web site** authoring system. It won't replace a professional on-staff Web designer any time soon...

...0, NetObjects has corrected several of 1.0's major annoyances--the inability to import **Web sites** springs immediately to mind--and improved 2.0's overall speed and features.

If you...

...version, called 2.0.2 which is available as a free download off of NetObjects' **Web site**. This update still manages to bring significant value to this product, including better support for...

...Web spinning greatly rewards up-front planning. It's certainly possible to piece together a **Web site**'s structure as you create pages in Fusion, and the ability to remap a siteToo many **Web sites** are developed in a scattershot fashion, creating problems down the road that a little planning would have avoided.

Fusion delivers its **Web site** legerdemain through four main views--Site, Page, Assets and Publish. At start-up you're...

...s likewise where your site's jump-started into life when you define pages, establish **hierarchies** and later manage the site's growth. The **deceptive** simplicity of the Site view belies Fusion's sophisticated underpinnings.

For example, you can apply one of the 50 bundled graphic styles, or your own created style, across an entire **Web site** from the Style view. And if you tire of one look you can select and...

...uses this style if you've set up a MasterBorder. MasterBorders are margin areas of **Web pages** holding "master" elements that can be navigational graphic buttons, text links, company copyright statements, contact...

...borders or through frames. If you've ever coded navigation bars by hand for a **Web site**, you've wished for this feature.

Creating page "place-holders" in the Site view is...

...view.

The PageDraw editor isn't just show, it works like most corporate-level DTP **software** packages, complete with text styles, and text and image boxes you draw on the page...

...between text boxes, which alone single-handedly banished X-acto knives from publishing.

Unlike DTP **software**, Fusion isn't all text and no media. You can add forms, ActiveX controls, Java...

...those that don't know HotSauce is a metacontent format proposed by Apple as an **Internet** standard and also backed by companies such as Netscape, Excite and XSoft. These companies hope it will be adopted and allow developers to create better **Internet** data access tools for publishing database and legacy data content.)

And after you've created...

...less about HTML coding and would rather concentrate on the look and feel of your **Web pages**, Fusion's the tool of choice.

SoftQuad HoTMetaL Pro 4.0

Firmly established as an...

...HTML authoring suite for several years now, SoftQuad's HoTMetaL Pro 4.0 was making **Web pages** before the **Internet** was cool. Though slowly losing market share to more innovative competition, SoftQuad is fighting back...The Editor now conforms to HTML 3.2 and can handle all Netscape 3 and **Internet Explorer** 3.0 extensions, as well as HTML 4.0 support to the extent provided...

...a site--a tree view, a file view and a cyberbolic view that maps complex **Web sites** in a unique and effective three-dimensional spheroid way.

Via the Site Maker component, Information...

...out the page-creation wizards to apply coordinated "Web Decor" graphics elements. The Site Maker **software** offers close to 90 page template layouts in four general categories--Intranet, Personal, Company and...

...SoftQuad has made some admirable additions.

There's a special visual dynamic keyboard and a **Web page** accessibility checker.

Befitting a tool of its breadth, HoTMetaL Pro doesn't disappoint when it...

...CSS Editor highlights a crucial truth about HoTMetaL Pro 4.0: The surfeit of options, **software** and features are nearly overwhelming at times, a strength or weakness depending on your viewpoint...

...Visual Cafe Java development environment, this is a capable tool for small- to-medium-sized **Web site** design that includes version control and project management features you'd expect from more expensive bar, select your current or any other **Web site** local directory, and all the directories, text, HTML and your varied graphics files appear in...

...source-editing window and a built-in preview mode. Visual Page can display a single **Web page** simultaneously in all three modes, each appearing in a different window. The HTML source-editing...

...that rival similar solutions coming out of Redmond.

Many HTML editors balk when importing complicated **Web pages**. Not Visual Page. During testing we scooped down pages packed with Java, JavaScript, multiple tables...

...Visual Page current, Symantec's now familiar LiveUpdate feature can automatically download and install any **software** updates--a feature that much of the competition would do well to incorporate. Visual Page...

...345 Park Ave.

San Jose, Calif. 95110-2704

408-536-6000

Fax: 408-537-6000

[www.adobe.com](http://www.adobe.com)

Requirements: Macintosh: 68040 or faster processor; 8 MB RAM; 10 MB hard drive...

...Santa Clara, Calif. 95052

Voice: 408-727-8227, 800-544-8554

Fax: 408-987-7333

[www.claris.com](http://www.claris.com)

Requirements: Windows: 4 MB hard drive space; Windows 95 or Windows NT  
3...

...Menlo Park, Calif. 94025  
Voice: 800-554-6638; 650-463-1580  
Fax: 650-463-1598  
[www.golive.com](http://www.golive.com)

Requirements: Power Macintosh; 8 MB RAM; 8 MB hard drive space; System  
7...

...San Francisco, Calif. 94103  
Voice: 800-288-4797, 415-252-2000  
Fax: 415-626-0554  
[www.macromedia.com](http://www.macromedia.com)

Estimated street price: \$499, special introductory pricing of \$299  
(street) until Feb. 28...

...1 Microsoft Way  
Redmond, Wash. 98052-6399  
Voice: 800-426-9400  
Fax: 425-936-7329  
[www.microsoft.com/frontpage/](http://www.microsoft.com/frontpage/)

Requirements: 486 or faster processor; 36 MB hard drive space; Windows  
95...

...2055 Woodside Rd.  
Redwood City, Calif. 94025  
Voice: 415-482-3200  
Fax: 415-562-0298  
[www.netobjects.com](http://www.netobjects.com)

Requirements: 16 ...Corp.

1 Alewife Center  
Cambridge, Mass. 02140  
Voice: 617-671-2000  
Fax: 617-671-2001  
[www.allaire.com](http://www.allaire.com)

Requirements: 486/66 or faster; 16 MB RAM; 3.75 MB hard drive...

...Box 2025  
Toronto, Ontario M4R 1K8  
Canada  
Voice: 416-544-9000  
Fax: 416-544-0300  
[www.softquad.com](http://www.softquad.com)

Requirements: 16 MB RAM; 30 MB hard drive space; Windows 95 or Windows

...

...95014  
Voice: 408-253-9600, 541-334-6054, 800-441-7234  
Fax: 541-984-8020  
[www.symantec.com](http://www.symantec.com)

Requirements: 486/66MHz minimum, Windows 95 or Windows NT 4.0, 8 MB...

...and good luck--unless you define some careful ground rules, that is. To put the **software** through their paces, we took a three-pronged approach, testing whether programs were suitable for complex Web authoring, simple page creation and offered any site management tools.

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...Honors

And the winner is....Power, poise and performance are the three p's of **software** testing.

And when it comes down it, GoLive's CyberStudio and Microsoft FrontPage 98 displayed...

DESCRIPTORS: **World Wide Web** --

PRODUCT/INDUSTRY NAMES: 7372682 (**Internet Server Software**)

TRADE NAMES: GoLive CyberStudio 2.0 (Web authoring **software**)--...

...Microsoft FrontPage 98 (Web authoring **software**)--...

...Dreamweaver (Web authoring **software**)--...

...Adobe PageMill 2.0 (Web authoring **software**)--...

...HomeSite 3.0 (Web authoring **software**)--...

...Claris Home Page 2.0 (Web authoring **software**)--...

...HotMetaL Pro 4.0 (Web authoring **software**)--...

...Visual Page (Web authoring **software**)--...

...NetObjects Fusion 2.02 (**Web site management software**)--

18/3,K/19 (Item 3 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB

(c)2001 The Gale Group. All rts. reserv.

08284692 SUPPLIER NUMBER: 17719766 (USE FORMAT 7 OR 9 FOR FULL TEXT)

17-inch monitors: big screen test, take 10. (reviews of ten 17-inch monitors) (includes related articles on overall results, test methodology and monitor calibration) (Hardware Review) (Evaluation)

Welch, Jill; Orubeondo, Ana; Murdock, Michelle

InfoWorld, v17, n47, p74(9)

Nov 20, 1995

DOCUMENT TYPE: Evaluation ISSN: 0199-6649 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 9285 LINE COUNT: 00785

... documents simultaneously.

On top of it all, the promises of the not-too-distant future -- **World Wide Web** access from every desktop, broad availability of sophisticated multimedia desk-top business applications, the propagation of **on-line** newspapers -- will only increase your need for wide open spaces.

When it comes to providing...

...throw in a number of value-added bells and whistles as well, including

color-calibration **software** and display utilities for making adjustments via the mouse and keyboard. And, as environmental standards...

DeluxScan 17 Pro

Hyundai Electronics America  
Milpitas, Calif.

(408) 232-8000 fax: (408) 232-8146

**World Wide Web** : <http://www.hea.com>

(Weighting) Performance

Setup and usability (200) Good 125.00 Like the Multiscan and...

...MXP17S MAG

InnoVision Co. Inc.  
Santa Ana, Calif.

(714) 751-2008 fax: (714) 751-5522

**World Wide Web** : <http://www.maginnovision.com>

(Weighting) Performance

Setup and usability (200) Good 125.00 Unless you buy the...follow. We liked the step-by-step instructions and detailed diagrams of both hardware and **software**. Large illustrations are sized for readability and well labeled for better comprehension.

Support policies (100...

...FlexScan F2-17EX(\*)

Nanao USA Corp.  
Torrance, Calif.

(800) 800-5202 fax: (310) 530-1679

**World Wide Web** : <http://www.traveller.com/nanao/>

(Weighting) Performance

Setup and usability (200) Excellent 200.00 Its unique design...

...The FlexScan's feature set is complete, and the monitor is delivered with Colorific calibration **software** in the box. Advanced color control features, including RGB Gain and RGB Cut Off, are...

...well written and nicely laid out, and they include extremely detailed and helpful illustrations. The **software**'s quick-reference guide and context-sensitive help were, well, helpful.

Support policies (100) Excellent...

...m. to 5 p.m. (Eastern and Pacific time). Fax (a toll call), BBS, and **Internet** support over the **World Wide Web** are also available.

Technical support (75) Satisfactory 37.50 We had a lot of problems Dale, Ill.

(508) 264-8000

**World Wide Web** : <http://www.nec.com>

(Weighting) Performance

Setup and usability (200) Very Good 150.00 We found the...

...this could be more intuitively designed). The MultiSync also provides a range of helpful, additional **software** utilities -- including Resolution Manager (on Macs) for changing resolutions on the fly. Colorific is delivered...

...available via fax (toll-free) and BBS (a toll call), as well as via the **Internet** (E-mail, File Transfer Protocol, and the **World Wide Web**), CompuServe, and America **Online**.

Technical support (75) Good 46.87 NEC's technical support was difficult to reach; nonetheless...

...Nokia 447W

Nokia Display Products Inc.  
Sausalito, Calif.

(415) 331-4244 fax: (415) 331-0424

**Internet** E-mail: [bynokia@aol.com](mailto:bynokia@aol.com)

(Weighting) Performance

Setup and usability (200) Good 125.00 The...

...to 6 p.m. Eastern time. Support for the Nokia is also available over



America Online .

Technical support (75) Good 46.87 We were satisfied with the results of our calls...

...Very Good 150.00 The SyncMaster's design is a happy marriage of hardware and **software** controls. It was easy to first select the feature sets we wanted to adjust (for...Multiscan 17se

Sony Electronics Inc.

San Jose, Calif.

(800) 352-7669 fax: (408) 955-5171

**World Wide Web** : <http://www.sel.sony.com>

(Weighting) Performance

Setup and usability (200) Good 125.00 The simplicity of...6.7

ViewSonic 17PS

ViewSonic Corp.

Walnut, Calif.

(909) 869-7976

fax: (909) 869-7958

**World Wide Web** : <http://www.viewsonic.com>

(Weighting) Performance

Setup and usability (200) Very Good 150.00 With only two simple control buttons and two arrows for navigation, the **ViewSonic** 's control panel is **deceptively** simple: The **hierarchical** on-screen menu it controls is inclusive. We did need to refer to the documentation...

...available weekdays from 7 a.m. to 6 p.m. Pacific time. Also available are **on-line** support via the **World Wide Web** and a troubleshooting guide accessible through a fax-back system.

Technical support (75) Excellent 75...baked-on antiglare treatment. Look for thin film, because thick film can cause muddled images.

\* **Software** /hardware display utilities: Additional **software** that allows you to control image quality via the mouse and keyboard.

\* SuperErgo coating: Nanao...

...make repetitive stress injury not just for wrists anymore.

**WEB PITFALLS**

If you're designing **World Wide Web** **pages** on a 17-inch or larger monitor, Jack Roberts, an analyst for Dataquest Inc., reminds...

...consider format and size when creating and placing print ads, so should you design your **Web** **pages** with your customers' browsing capabilities (and limitations) in mind. The bottom line: make a dry...they also accommodate more spreadsheet columns, more drawing and designing workspace, and bigger views of **World Wide Web** **pages** than their 14- and 15-inch counterparts.

All the monitors we looked at provide an...

...Electronics America's SyncMaster 17 GLsi combines some of the best features of hardware and **software** control.

Nokia Display Products Inc.'s 447W has a broad range of adjustments, coupled with the capability (through an additional hardware/**software** utility) to make adjustments to the monitor settings via the keyboard and mouse. The final subjective visual judgment; others implement more sophisticated **software** or hardware-**software** combinations. Costs increase accordingly.

TURN ON, TUNE IN. The least expensive fixes are the monitor...

...is built right in to the operating system, in the form of ColorSync.

**AUTOMATIC, SYSTEMATIC. Software** -only calibration solutions have a fundamental problem: They depend on users' subjective perceptions of brightness...

07961092 SUPPLIER NUMBER: 17167958 (USE FORMAT 7 9 FOR FULL TEXT)  
**Check fraud: the challenge to stem soaring losses. (includes related article)**  
Bock, Charles J., Jr.  
Bank Management, v71, n3, p60(6)  
May 15, 1995  
ISSN: 1049-1775 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3476 LINE COUNT: 00299

...ABSTRACT: closed accounts. The second step is to identify contributing factors. These may include desktop publishing **software**, organized crime, and availability of information from customers. The third task is the classification of...

... at \$815 million ILLUSTRATION FOR FIGURE 1 OMITTED|. Actual losses may well be in the **multibillion** -dollar **range**, experts say, because banks find it difficult to isolate **check** -related **fraud**.

**Check** use still grows rapidly, despite predictions to the contrary. An estimated 67 billion checks will...

...attributes the increase in check crime to such factors as:

- \* The proliferation of desktop publishing **software** which has made the creation of a counterfeit check easier and more affordable.

- \* The use...checks are used and then involved in a counterfeit attempt, the customer may be liable.

- \* **Software** products which flag suspicious checks based on deviations from established ranges of sequence numbers, dollar...

...AGENCY MANAGEMENT SERVICES, P.O. Box 30001, College Station, TX 77842, (800) 888-8553

ANTINORI **SOFTWARE** INC., 400 Colony Sq. #450, 1201 Peachtree St. NE, Atlanta, GA 30361, (404) 873-6740...65F Gate Five Rd., Sausalito, CA 94965, (800) 257-6963

SOCIAL SECURITY NUMBER VALIDATION, Security **Software** Solutions, P.O. Box 683, Burlington, VT 05402-0683, (802) 660-8933

SPEED DIAL, Bureau...

...261-5500

STANDARD REGISTER CO., 600 Albany St., Dayton, OH 45401, (513) 443-1000

STERLING **SOFTWARE**, Banking System Division, 15301 Dallas Pkwy., Dallas, TX 75248, (800) 222-6219

SUPERIOR ON -LINE DATA, P.O. Box 8787, Trenton, NJ 08650, (609) 396-4000

TELECHECK SERVICE INC., 2092...

18/3,K/21 (Item 1 from file: 635)  
DIALOG(R)File 635:Business Dateline(R)  
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0685293 96-42534

**IA Corp. to announce new CheckVision products at BAI**

Leger, Thierry

Business Wire (San Francisco, CA, US) p1

PUBL DATE: 960322

WORD COUNT: 397

DATELINE: Emeryville, CA, US, Pacific

TEXT:

...IA Corp., a leading developer of image-based cash management and high-end workflow management **software**, will announce at the upcoming Banking Administration Industry (BAI) trade show, new CheckVision and RemitVision features to put on -line banking and cash management functions at a customer's fingertips.

The new products tackle such important industry issues as **check fraud**, **multi -tiered check** archival and system scalability and

compatibility.

# New CheckVision Features Create New Fee-based Services CheckVision...

...image research and image enabled account reconciliation. CheckVision output can be on paper, CD or **online**. New features can create new fee-based services for banks and include:

CheckVision Archive-- provides...

...Processing) services with check images. A new fee-based service, it allows customers to go **online** and view reconciliation reports along with check images. CheckVision ARP also supplies monthly reports with...

...with check images

--CheckVision Research/Inquiry--allows PC-based inquiry and retrieval of images

CheckVision **software** can be used in conjunction with customers' current systems adding new features to existing check...

...Corp., headquartered in Emeryville, Calif., is a provider of high-end, high-performance enterprise application **software** products. Focusing currently on the dynamic, multi-billion dollar financial services and banking industry. IA...

...94608-1840. Telephone: 510/450-7000. Fax: 510/450-7099 Email: info@ia-us.com **Website** : http://www .ia-us.com.

DESCRIPTORS: **Software** industry...

18/3,K/22 (Item 1 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
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05080025 SUPPLIER NUMBER: 20305542 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**The 7 Habits if Highly Effective Families: Building a Beautiful Family Culture in a Turbulent World.** (book reviews)  
Wolfe, Alan  
The New Republic, v218, n8, p26(9)  
Feb 23, 1998  
DOCUMENT TYPE: Review ISSN: 0028-6583 LANGUAGE: English  
RECORD TYPE: Fulltext  
WORD COUNT: 7990 LINE COUNT: 00612

... Habits" organizers, which have proved popular as daily planners, are available in hand-held and **software** formats. All the company's books and magazines can be purchased through its **Web page**, as can such accessories as "7 Habits" page-finders. Rarely if ever in the history... being changed when proven short-sighted or ill-advised. Joseph Smith, the advocate of patently **illegal plural marriage**, viewed civil law with contempt, as if society were a vast conspiracy organized to prevent true... bureaucracy. You do not make a successful family by consulting books, tapes, guides, and a **Web page** to know what to do next. You make a successful family by taking the resources...

18/3,K/23 (Item 2 from file: 47)  
DIALOG(R)File 47:Gale Group Magazine DB(TM)  
(c) 2001 The Gale group. All rts. reserv.

04762052 SUPPLIER NUMBER: 19422101 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Mapping the LCSH and MeSH systems.** (Library of Congress Subject Headings and

Medical Subject Headings from the National Library of Medicine)  
Olson, Tony; Strawn, Gary  
Information Technology and Libraries, v16, n1, p5(15)  
March, 1997  
ISSN: 0730-9295      LANGUAGE: English      RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8560      LINE COUNT: 00782

ABSTRACT: A project to map LCSH and MeSH systems in the Northwestern University library **online** catalog and add the data to authority records is described. The project developed techniques that...

TEXT:

A number of problems arise when two or more subject systems reside in the same **online** catalog. One solution to this "multiple vocabulary problem" is to map the systems involved. Since...

...to other libraries and information centers. The data can be used to generate displays in **online** catalogs that link corresponding LCSH and MeSH headings, thus enhancing retrieval of relevant bibliographic citations.

The Multiple Vocabulary Problem

Many libraries have **online** public access catalogs that contain two or more subject systems. Some examples of thesauri that...

...A number of different methods have been proposed for dealing with multiple vocabularies in the **online** catalog. (1) The two most commonly used by library management systems (with some systems providing...

...of the materials on a given topic. The following examples (taken from the Northwestern University **online** catalog which includes LCSH, MeSH, and TLSH) demonstrate the potential for incomplete retrieval from a...

...of the more serious problems that can arise from a universal subject search in an **online** catalog in which the LCSH and MeSH systems are mixed are given below.

1. Duplicate...

...b) add the mapping data to authority records; and (c) enhance the library management system **software** so that mapping data in authority records can be used to develop syndetic structures that...

...of the project has been to integrate multiple thesauri (specifically LCSH and MeSH) in an **online** catalog. Work on the project has continued up to the present time.

The project was divided into three parts.

1. Modifications to the library management system **software** that would solve the first two problems encountered in a mixed vocabulary index, i.e...as it existed on April 14, 1990, and the 1989 MeSH. The library management system **software** used in the project was NOTIS.

Data Collection

The first step of the LCSH/MeSH...a) The LCSH heading represents the fruit of the date plan. Making the MeSH reference **plural** eliminates the **false match**. (b) The LCSH heading represents a musical form. Adding a qualifier to the MeSH reference and bibliographic records in Northwestern's **online** NOTIS file, the MeSH Tree Structures, and several standard medical dictionaries. However, not all decisions...to narrower terms, or vice versa. Users now have explicit see also references in the **online** catalog directing them to broader or narrower MeSH terms.

The most obvious and important benefit of the mapping project is to use the results in an integrated LCSH/MeSH **online** catalog. Since the mapping data are now available in linking entry fields in MARC authority next step and make the necessary changes to library management system **software** so that these fields display in an **online** public access catalog. By displaying the mapping data, users will be led from a heading ...

...of the multiple vocabulary problem can be found in Carol A. Mandel, Multiple Thesauri in **Online** Library Bibliographic Systems (Washington,

D.C.: Cataloging Distribution Service, Library of Congress, 1987).  
(2.) The...

...title is College Library Technology-Research and Demonstration Project-Integration of Multiple Thesauri in an Online Public Access Catalog.

(3.) The modifications were accomplished fairly quickly and easily. Suppression of duplicate...

...identical headings in the same bibliographic record is one of the capabilities of the NOTIS software (version 5.0 or higher) that was installed at Northwestern in 1992. Resolving conflicts between references and headings was a local Northwestern enhancement to the NOTIS software. The technique, which we call "dynamic conflict resolution," turns conflicting see under references into see...

...DESCRIPTORS: Online catalogs

18/3,K/24 (Item 1 from file: 647)  
DIALOG(R)File 647:CMP Computer Fulltext  
(c) 2001 CMP. All rts. reserv.

01145417 CMP ACCESSION NUMBER: INW19971117S0069

**Weaving The Web Fantastic** (Authoring Tools)

Rich Santalesa

INTERNETWEEK, 1997, n 690, PG73

PUBLICATION DATE: 971117

JOURNAL CODE: INW LANGUAGE: English

RECORD TYPE: Fulltext

SECTION HEADING: Reviews

WORD COUNT: 9362

Today, managing a full-bore corporate Web site bears more than a passing resemblance to pulling off a moon launch-demanding companywide coordination...

...and technologies. In short, the sky's and bandwidth's the limit to what your Web site offers, but the entire ball of wax all still revolves around HTML.

The first HTML...

...HTML is still the preferred choice of many Web experts, developing and maintaining an entire Web site this way is like building a house without power tools-an interesting experiment, but hardly...

...construction pays your bills.

The construction metaphor is particularly appropriate. As with any building, a Web site lacking a solid foundation quickly falls. But a Web site's foundation is proper management of all its files, directories and links, and these seem...

...sized site. Following this logic, the flip side to making it easier to stamp out Web pages is a tool that can manage and restructure your changing site. Luckily, as HTML authoring...

...as a slew of new and complex Web technologies have burst onto the scene. Enhancing Web sites with pre-Dynamic HTML (DHTML), CSS, scripts and pre-Extensible Markup Language (XML) demand the...

...garnered a great deal of press, primarily because it holds the potential of halting the World Wide Web Consortium's endless efforts to catch up in codifying and approving HTML tags (be sure to check out our XML tutorial in an upcoming issue). After all, the World Wide Web Consortium (W3C) only managed to formalize HTML support for features already widely deployed such as...

...working to add existing XML definitions to their browsers. For more information on XML, visit [www.w3.org/XML](http://www.w3.org/XML).

## The Web Spins La...r

As Web authoring becomes increasingly complex and the **Internet** diffuses into **software**, programs from word processors to databases all now export to HTML. This means the ability...

...HTML and integrate HTML from other sources grows in importance.

Similarly, tools recognizing that modern **Web sites** are the work of many people across different departments also get a nod. To this...

...to humans.

With a few exceptions, this practice is gradually fading as sophisticated WYSIWYG **Web software** answers the call to merge graphical design with direct text-coding power. Most of these...

...text-based HTML editor's bit-level power is crucial and difficult to relinquish.

But **Web sites** don't live by HTML code alone. First, you have ... is asking for major trouble-whether you're managing a development team for an external **Web site** or managing users on an intranet. Don't think so? After your first "er, ahem..."

...page production while controlling access to that production guarantees a less frenetic life as a **Web site** manager. For departmental users, an easy-to-use, page-focused HTML authoring package is the...

...downloads, don't sell such access short when making a purchasing decision. This being the **Internet** age, every tool we tested is available as a free downloadable trial version. The best...

...indent HTML.

Simple or not, PageMill supports Java applets, plug-ins, .PDF files, QuickTime and **Web page** add-ons. The CD holds a bounty of utilities and information, including HTML tutorial information, Virtus 3-D **Website** Builder, O'Reilly's **WebSite** 1.1 Web server, PhotoShop SE (which is actually PhotoShop 3.05), a large selection **Whole Internet** for Windows 95" or "Java in a Nutshell," both published by O'Reilly and Associates...

...PageMill calls upon a floating, context-sensitive property Inspector palette to modify most page and **Web page** element settings. PageMill's Inspector isn't as comprehensive as CyberStudio's, but together with...

...the Web's HTML wunderkind, PageMill is still a good choice for anyone who creates **Web pages** on a periodic basis. The simple operation and straightforward structure mean you won't waste...

...a keystroke away. Hit F2 and a thorough guide to HTML tags and other HTML **software** and resources pops up.

Despite an interface sporting more tabs, buttons, tool bars and panels...

...overview of Projects, Snippets (which acts as a storage library) and HomeSite's very thorough **online** help system. You can move the Resource Tab to any side of HomeSite's window...image maps, raw HTML editing-the fundamentals are all here. But Home Page suffers from **software** schizophrenia, particularly on the Windows side. It's neither simplistic nor easy enough for rank...

...transparency. Home Page ultimately plumbs HTML's depths to accomplish virtually anything possible on a **Web page**, but arriving at a finished result is more awkward than it should be. Still, there...

...version 3.07.

GoLife CyberStudio 2.0.1

Who says there isn't any great **software** for the Mac anymore? CyberStudio 2.0.1 is an awesome Web tool that spans...

...would expect from a full-digit upgrade. The latest CyberStudio now adds visual link checking, **Web site** administration, sitewide spell checking, WYSIWYG frames support, ActiveX support, WebObjects integration,

improved table editing and

...tabs to control a selected element's properties.

Floating palettes allows easy access to all Web page operations. For instance, to position an element on a grid, you drag the element icon Fusion's top-down Web site approach, trusting to a Project metaphor instead. The Project's palette reveals page relationships in...

...extremely slick. Also nearly unique is CyberStudio's support for multiple-server environments, enabling your Web site to span servers. CyberStudio is the Web tool that keeps on giving.

Every time you...

...reached the limits of its power, new options turn up. Use a Mac? Serious about Web site design? If you answered yes to both, you need CyberStudio.

Macromedia Dreamweaver 1.0

If...

...a text-editor afterburner. In fact, Dreamweaver will ship with full versions of Bare Bones Software's BBEEdit on the Mac and Allaire's HomeSite 3.0 on Windows.

Another Dreamweaver...

...worthy of the United Nations brokering world peace. If you make a living working on Web pages, keep an eye on Dreamweaver.

Microsoft FrontPage 98

What a difference a version number makes...

...starters, several new views have been added to help turn the Explorer into a viable Web site tool. The seven views break down into the following: Folders, All Files, Navigation (new), Hyperlink...

...new) and Tasks (new). Together the views offer different ways to control and manage growing Web sites.

For instance, in the new Navigation view, you can define navigation hierarchies for use in...

...text, (including company header and footer information) on a page or sitewide basis. Mapping a Web site's structure is now easier, too, since you can print out the graphic Navigation view. Don't like a navigation link? Made a mistake setting up your Web site directory structure? Moving or completely deleting pages in the Navigation view is now child's quickly stamp out Web sites, FrontPage adds several wizards and templates to handle customer support, corporate, personal and project Web sites. There is also a discussion group Web wizard that ties to FrontPage extensions running on...

...simple, but full-featured, message board. Thirty-eight individual page templates handle nearly every common Web page. For intranet efforts, Microsoft offers a free Office 60 Minute Intranet Kit for Office 97...

...useful, however, was the built-in spell checker, which can check and correct your entire Web site of potentially embarrassing misspellings.

Importing existing Web sites is a piece of cake. Enter a URL, select how many levels to scoop in...

...RTF, Works 3/4, Word 4/5 for Macintosh and HTML Files.

Not surprisingly, the software includes significant support for Microsoft's own Internet Explorer 4.0 and that product's latest features-including Dynamic HTML font effects (unfortunately...

...room for improvement.

The bottom line is that FrontPage 98 is now a first-class Web site authoring system. It won't replace a professional on-staff Web designer any time soon...

...0, NetObjects has corrected several of 1.0's major annoyances-the

inability to import **Web sites** springs immediately to mind-and improved 2.0's overall speed and features.

If you...

...version, called 2.0.2 which is available as a free download off of NetObjects' **Web site**. This update still manages to bring significant value to this product, including better support for...

...Web spinning greatly rewards up-front planning. It's certainly possible to piece together a **Web site's** structure as you create pages in Fusion, and the ability to remap a site here.

Too many **Web sites** are developed in a scattershot fashion, creating problems down the road that a little planning would have avoided.

Fusion delivers its **Web site** legerdemain through four main views-Site, Page, Assets and Publish. At start-up you're...

...s likewise where your site's jump-started into life when you define pages, establish hierarchies and later manage the site's growth. The **deceptive** simplicity of the Site view belies Fusion's sophisticated underpinnings.

For example, you can apply one of the 50 bundled graphic styles, or your own created style, across an entire **Web site** from the Style view. And if you tire of one look you can select and...

...uses this style if you've set up a MasterBorder. MasterBorders are margin areas of **Web pages** holding "master" elements that can be navigational graphic buttons, text links, company copyright statements, contact...

...borders or through frames. If you've ever coded navigation bars by hand for a **Web site**, you've wished for this feature.

Creating page "place-holders" in the Site view is...

...view.

The PageDraw editor isn't just show, it works like most corporate-level DTP **software** packages, complete with text styles, and text and image boxes you draw on the page...

...between text boxes, which alone single-handedly banished X-acto knives from publishing.

Unlike DTP **software**, Fusion isn't all text and no media. You can add forms, ActiveX controls, Java...

...those that don't know, HotSauce is a metacontent format proposed by Apple as an **Internet** standard and also backed by companies such as Netscape, Excite and XSoft. These companies hope it will be adopted and allow developers to create better **Internet** data access tools for publishing database and legacy data content.)

And after you've created...

...less about HTML coding and would rather concentrate on the look and feel of your **Web pages**, Fusion's the tool of choice.

SoftQuad HotMetaL Pro 4.0

Firmly established as an...

...HTML authoring suite for several years now, SoftQuad's HotMetaL Pro 4.0 was making **Web pages** before the **Internet** was cool. Though slowly losing market share to more innovative competition, SoftQuad is fighting back...The Editor now conforms to HTML 3.2 and can handle all Netscape 3 and **Internet Explorer** 3.0 extensions, as well as HTML 4.0 support to the extent provided...

...a site-a tree view, a file view and a cyberbolic view that maps complex **Web sites** in a unique and effective three-dimensional spheroid way.

Via the Site Maker component, Information...

...out the page-creation wizards to apply coordinated "Web Decor"



graphics elements. The Site Maker software offers close to 90 page template layouts in four general categories-Intranet, Personal, Company and...

...SoftQuad has made some admirable additions.

There's a special visual dynamic keyboard and a Web page accessibility checker.

Befitting a tool of its breadth, HotMetaL Pro doesn't disappoint when it...

...CSS Editor highlights a crucial truth about HotMetaL Pro 4.0: The surfeit of options, software and features are nearly overwhelming at times, a strength or weakness depending on your viewpoint...

...Visual Cafe Java development environment, this is a capable tool for small- to-medium-sized Web site design that includes version control and project management features you'd expect from more expensive tool bar, select your current or any other Web site local directory, and all the directories, text, HTML and your varied graphics files appear in ...

...source-editing window and a built-in preview mode. Visual Page can display a single Web page simultaneously in all three modes, each appearing in a different window. The HTML source-editing...

...that rival similar solutions coming out of Redmond.

Many HTML editors balk when importing complicated Web pages. Not Visual Page. During testing we scooped down pages packed with Java, JavaScript, multiple tables...

...Visual Page current, Symantec's now familiar LiveUpdate feature can automatically download and install any software updates-a feature that much of the competition would do well to incorporate. Visual Page...

...345 Park Ave.

San Jose, Calif. 95110-2704

408-536-6000

Fax: 408-537-6000

[www.adobe.com](http://www.adobe.com)

Requirements: Macintosh: 68040 or faster processor; 8 MB RAM; 10 MB hard drive...

...Santa Clara, Calif. 95052

Voice: 408-727-8227, 800-544-8554

Fax: 408-987-7333

[www.claris.com](http://www.claris.com)

Requirements: Windows: 4 MB hard drive space; Windows 95 or Windows NT 3...

...Menlo Park, Calif. 94025

Voice: 800-554-6638; 650-463-1580

Fax: 650-463-1598

[www.golive.com](http://www.golive.com)

Requirements: Power Macintosh; 8 MB RAM; 8 MB hard drive space; System 7...

...San Francisco, Calif. 94103

Voice: 800-288-4797, 415-252-2000

Fax: 415-626-0554

[www.macromedia.com](http://www.macromedia.com)

Estimated street price: \$499, special introductory pricing of \$299 (street) until Feb. 28...

...1 Microsoft Way

Redmond, Wash. 98052-6399

Voice: 800-426-9400

Fax: 425-936-7329

[www.microsoft.com/frontpage/](http://www.microsoft.com/frontpage/)

Requirements: 486 or faster processor; 36 MB hard drive space;  
Windows 95...

...2055 Woodside Rd.  
Redwood City, Calif. 94025  
Voice: 415-482-3200  
Fax: 415-562-0298  
[www .netobjects.com](http://www.netobjects.com)  
Requirements: ...Corp.  
1 Alewife Center  
Cambridge, Mass. 02140  
Voice: 617-671-2000  
Fax: 617-671-2001  
[www .allaire.com](http://www.allaire.com)  
Requirements: 486/66 or faster; 16 MB RAM; 3.75 MB hard drive...

...Box 2025  
Toronto, Ontario M4R 1K8  
Canada  
Voice: 416-544-9000  
Fax: 416-544-0300  
[www .softquad.com](http://www.softquad.com)  
Requirements: 16 MB RAM; 30 MB hard drive space; Windows 95 or  
Windows...

...95014  
Voice: 408-253-9600, 541-334-6054, 800-441-7234  
Fax: 541-984-8020  
[www .symantec.com](http://www.symantec.com)  
Requirements: 486/66MHz minimum, Windows 95 or Windows NT 4.0, 8 MB  
...

...and good luck - unless you define some careful ground rules, that is.  
To put the **software** through their paces, we took a three-pronged  
approach, testing whether programs were suitable for complex Web  
authoring, simple page creation and offered any site management tools.  
**Software** designed to make page creation as easy as possible should  
sport features such as wizards...

...new site authoring, we used each package to generate a small company  
site of 25 **Web pages** broken into four areas: marketing, human  
resources, products and news.  
Graphically, the site was populated...

...0, Word 6/95, Excel and Lotus 1-2-3 files.

In gauging professional-level **software** geared for complex site  
design, you'll need **software** that supports a wide range of current Web  
media, scripting, Netscape and Microsoft tags, extendability...

...and DHTML abilities scored higher, as did packages with integrated  
graphics tools.

To test each **software** package's prowess at existing site  
modifications, we downloaded three **Web sites**: a personal **Web site**  
of simple pages, InternetWeek's **Web site** to three levels; and a Web  
design firm's site, which was heavily weighted with...

...In addition, we used a W3C HTML test page to gauge how each of the  
**software** handled all of HTML 3.2's tags.

Also, the quality of HTML output was reviewed with Windows versions  
of MS **Internet Explorer** versions 3.2 and 4.0, Netscape Navigator 3.02  
and Communicator 4.03...

...Honors

And the winner is....Power, poise and performance are the three p's  
of **software** testing.

And when it comes down it, GoLife's CyberStudio and Microsoft  
FrontPage 98 displayed...

COMPANY NAMES (DIALOG GENERATED): Adobe Systems ; AimTech ; Alewife Center

; Allaire Corp ; AlSoft ; Apache ; ASCII ; Bare Bones Software ; Claris Corp ; Corel ; CERN ; Document List ; Excite ; GoLive Systems ; HoTMetal ; Intranet ; Java Virtual Machine ; Macromedia...

...Mill ; Pages ; Personal ; Star Team Project Maintenance ; Symantec Corp ; Townsend ; Visual Cafe ; Web ; WebTV ; WordPerfect ; World Wide Web Consortium ; W3C ; XSoft ; ZBSoft